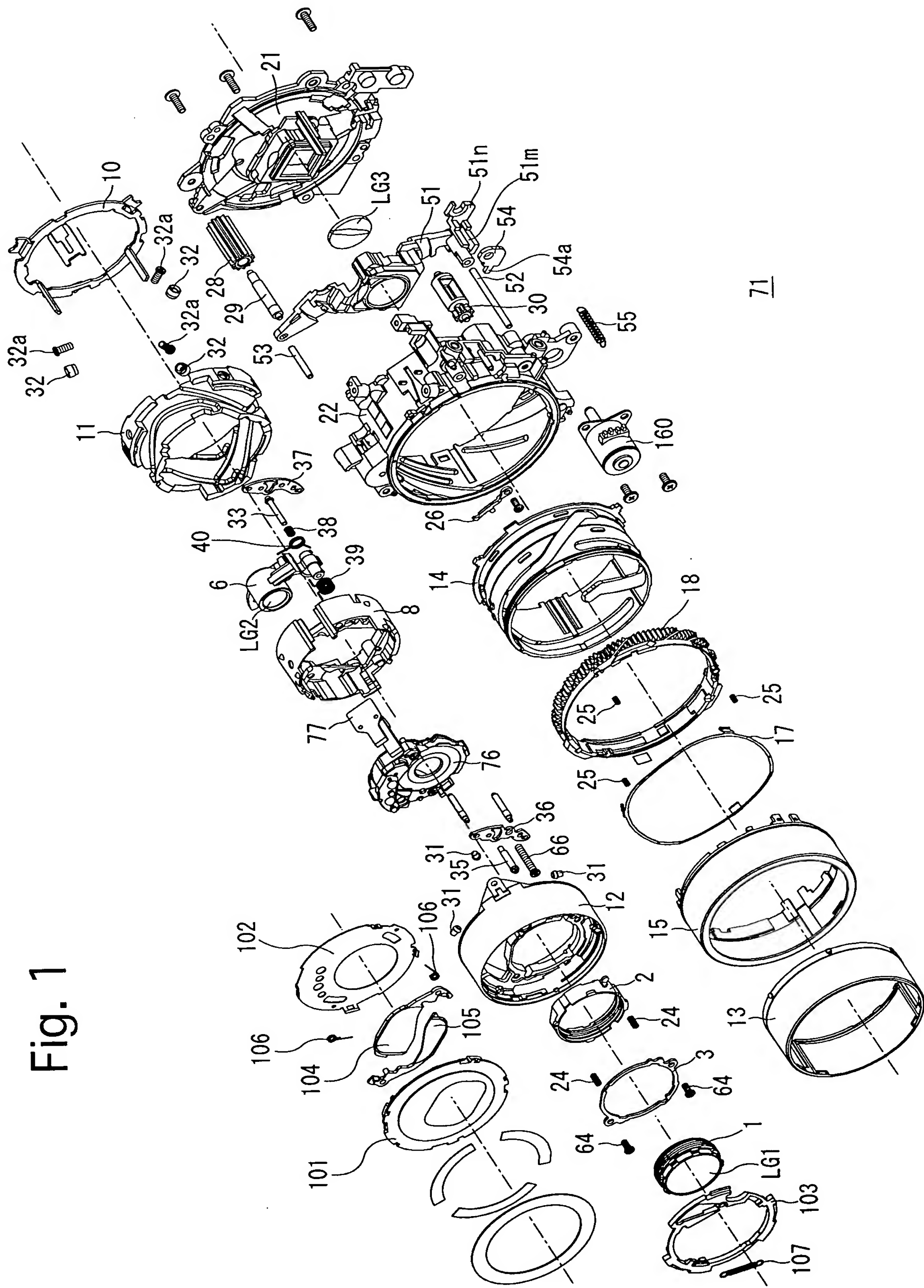


Fig. 1



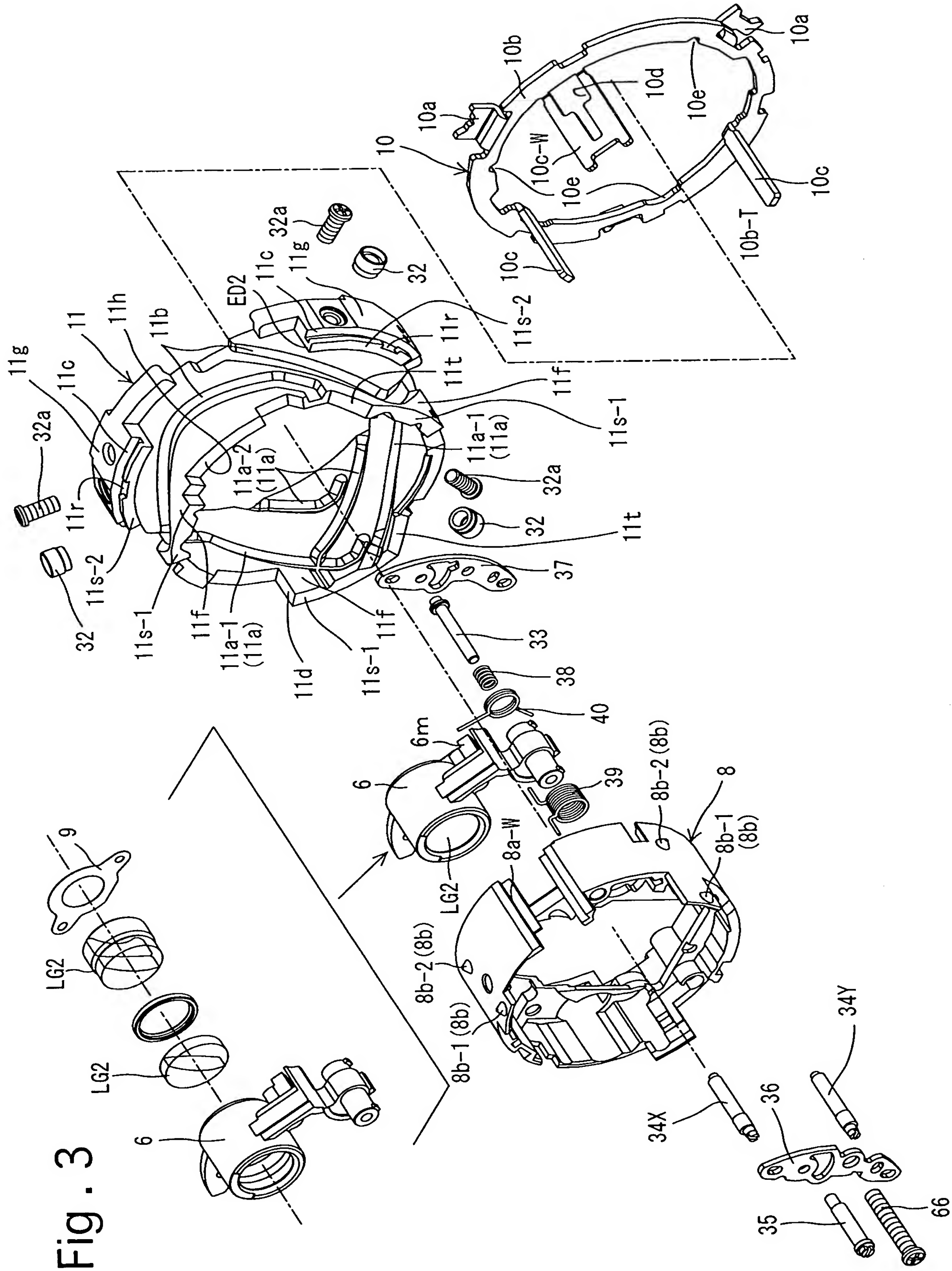


Fig. 4

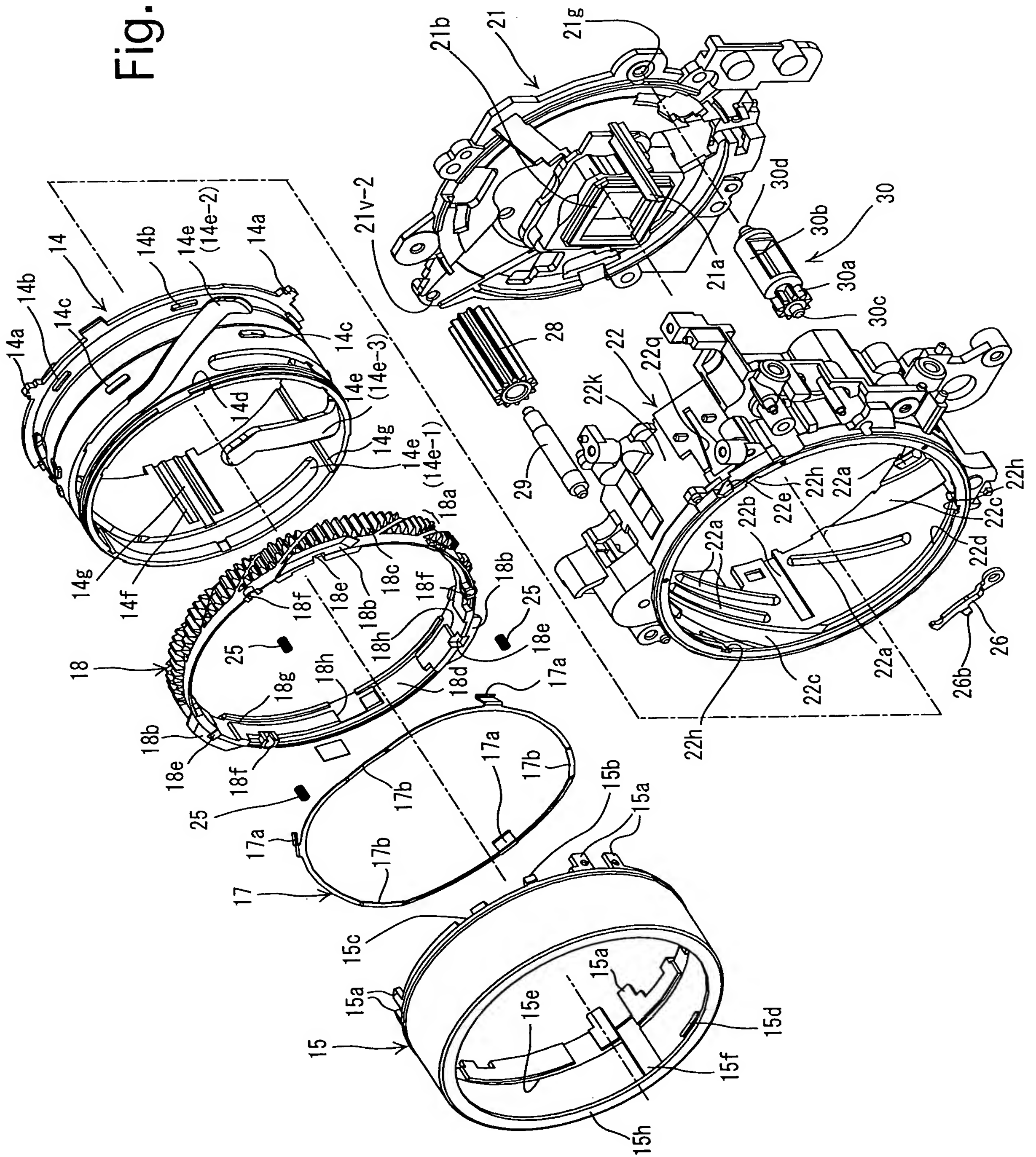


Fig. 5

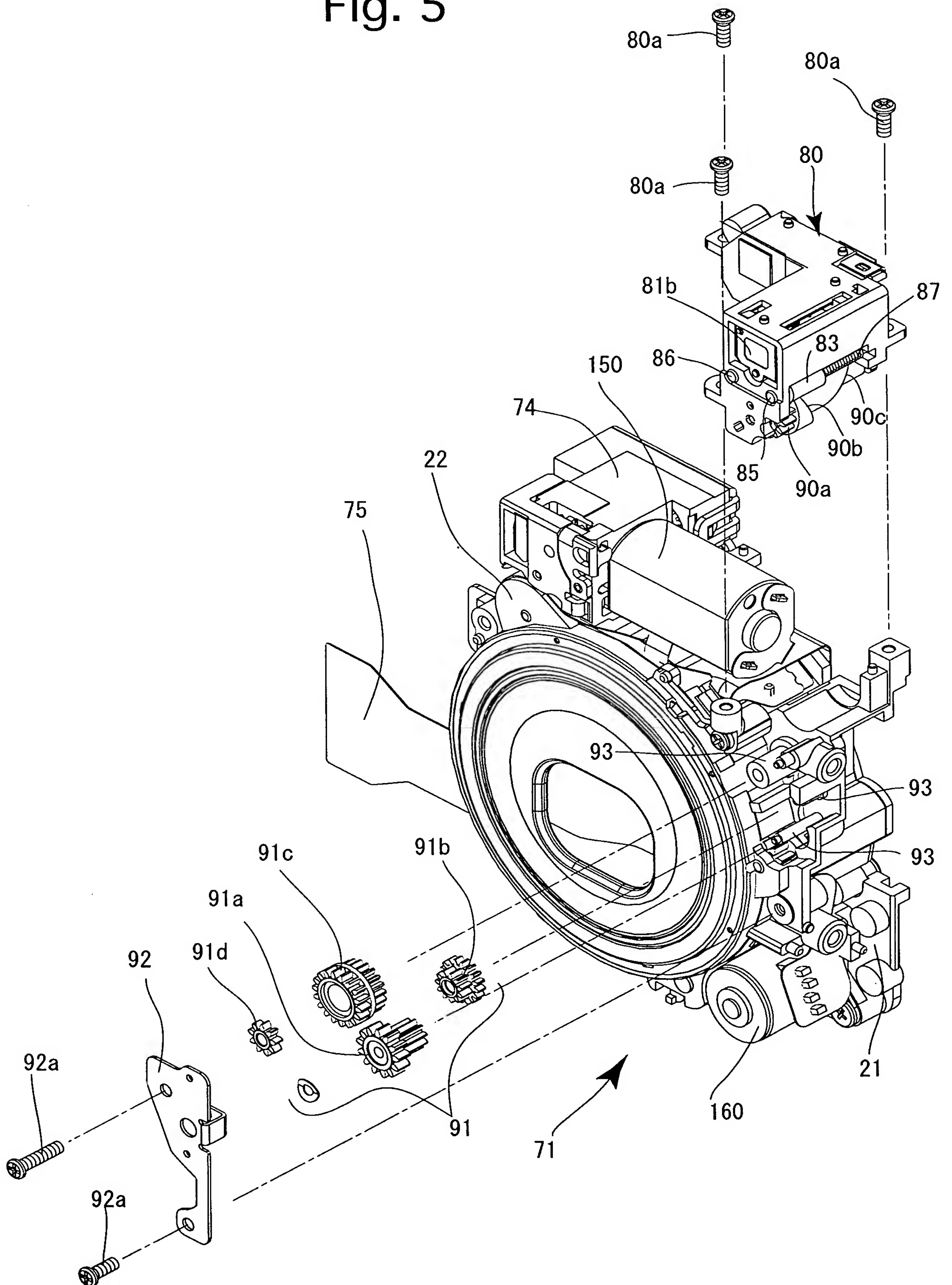


Fig. 6

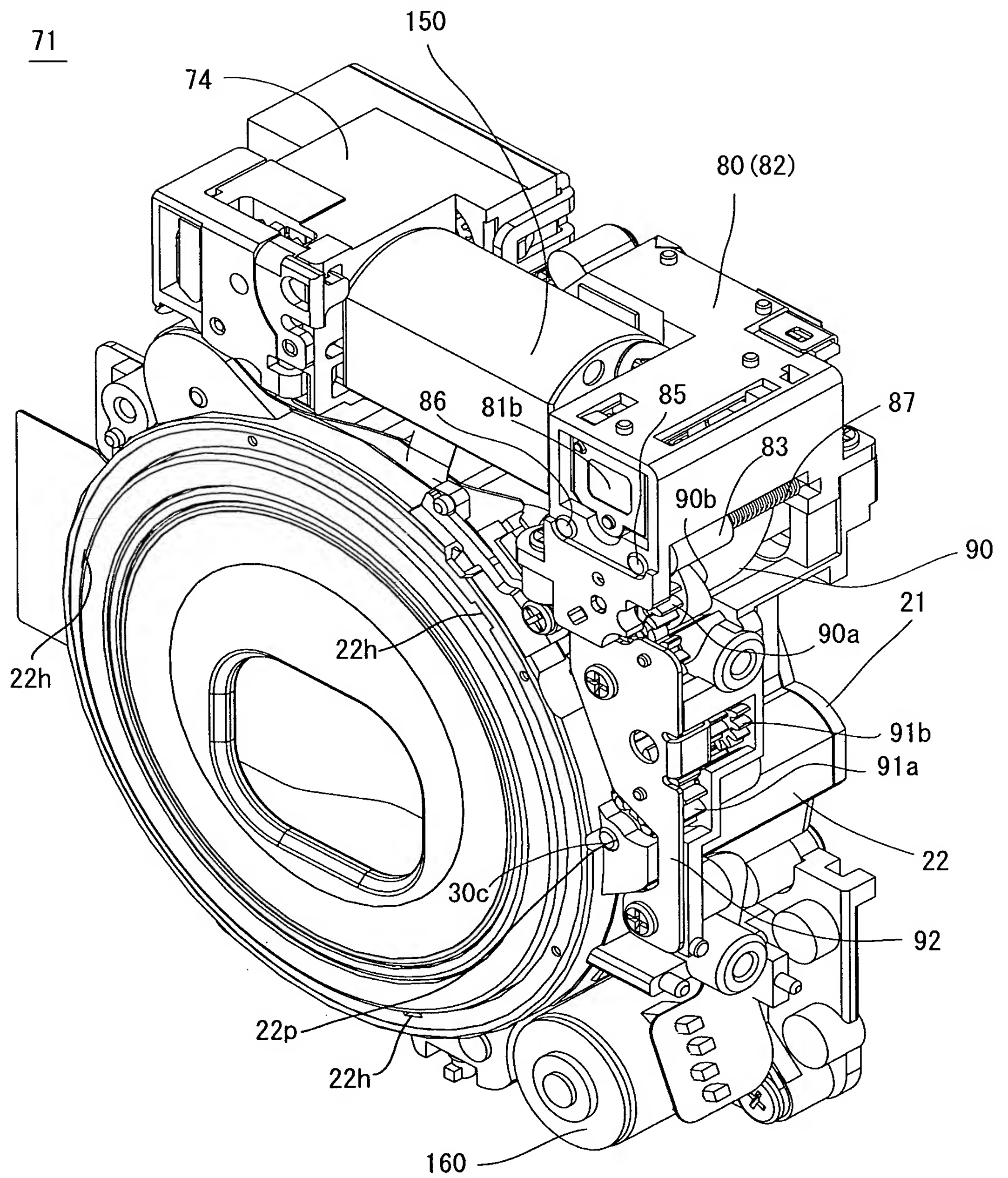


Fig. 7

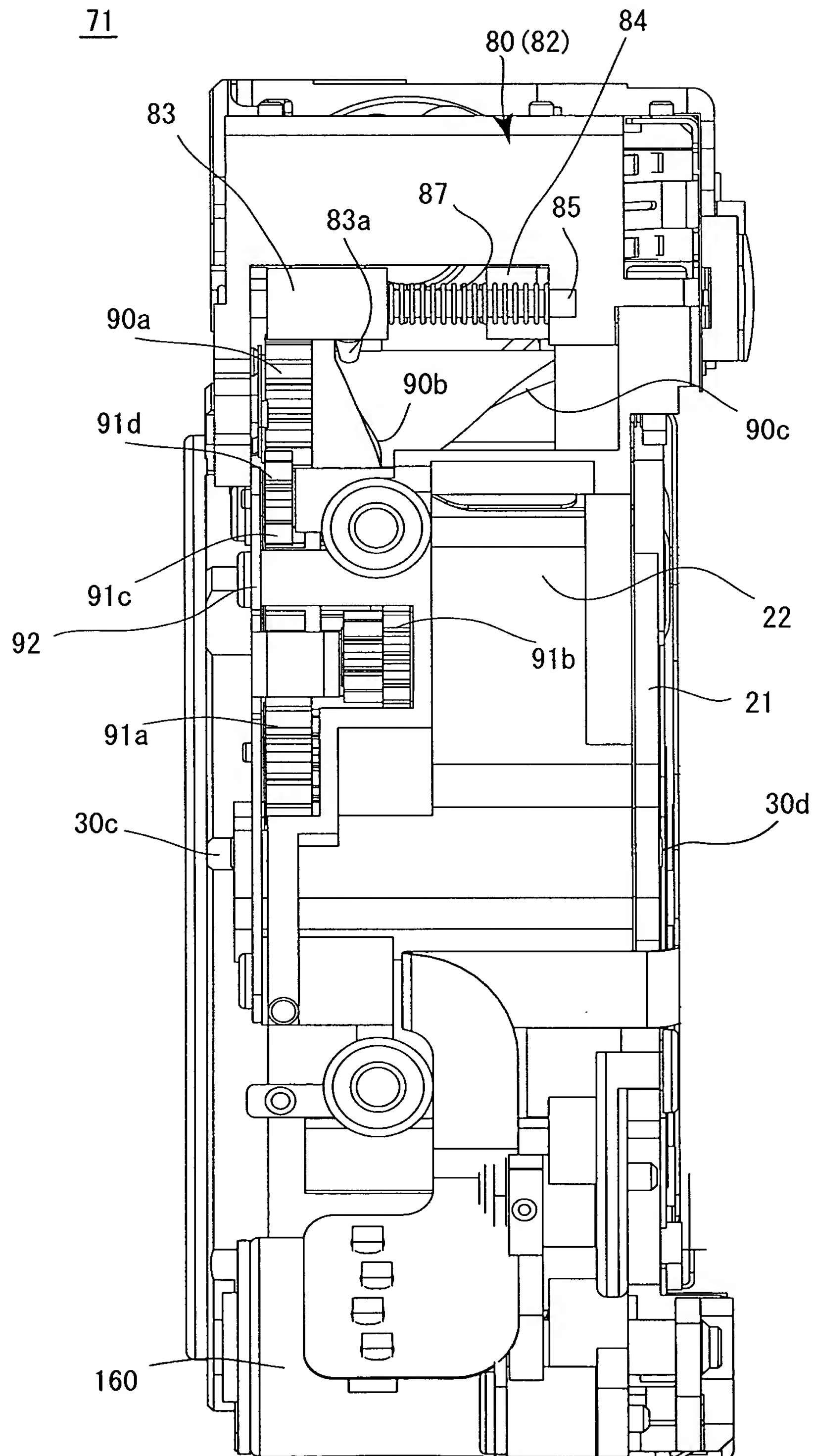


Fig. 8

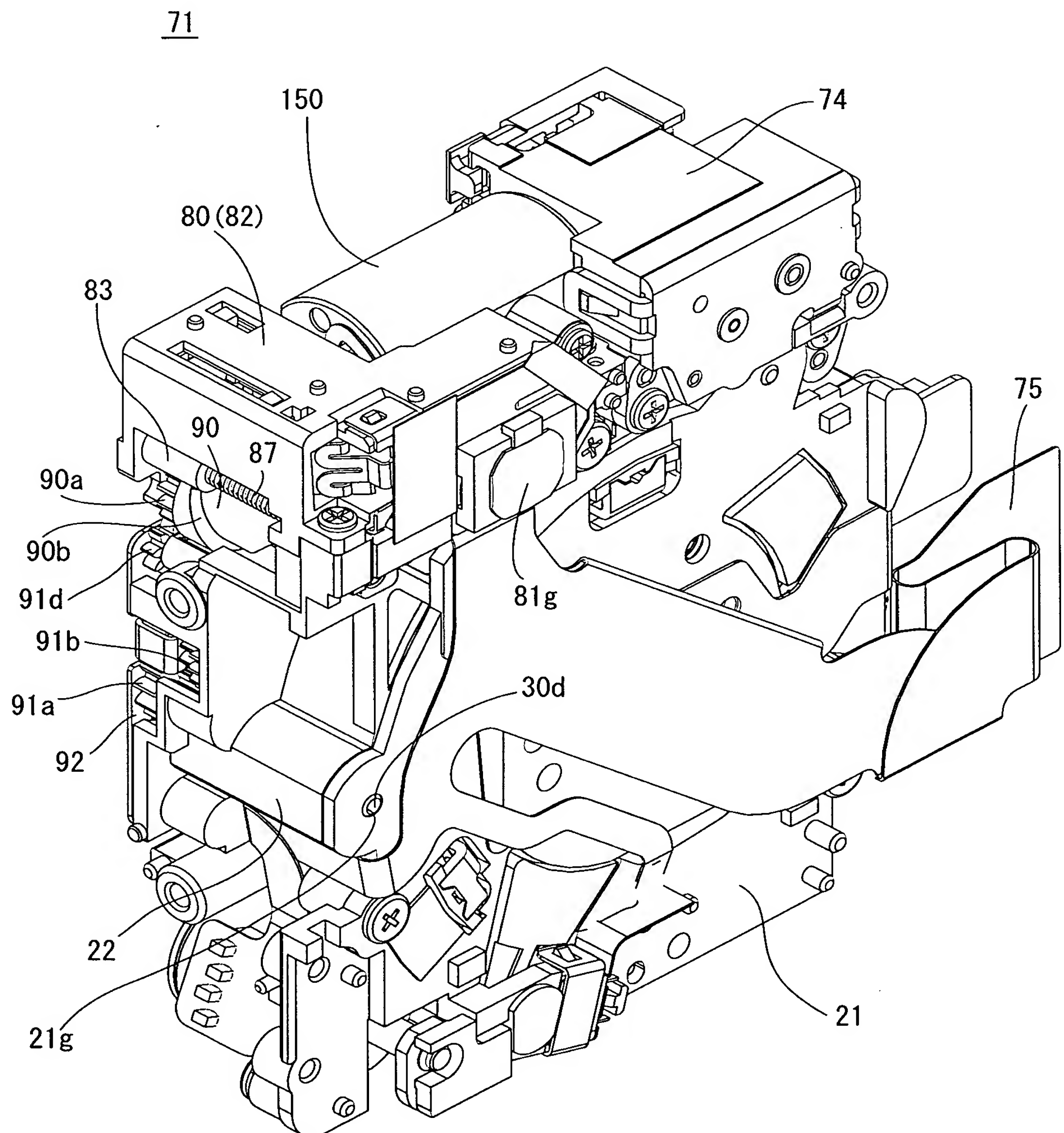


Fig. 9

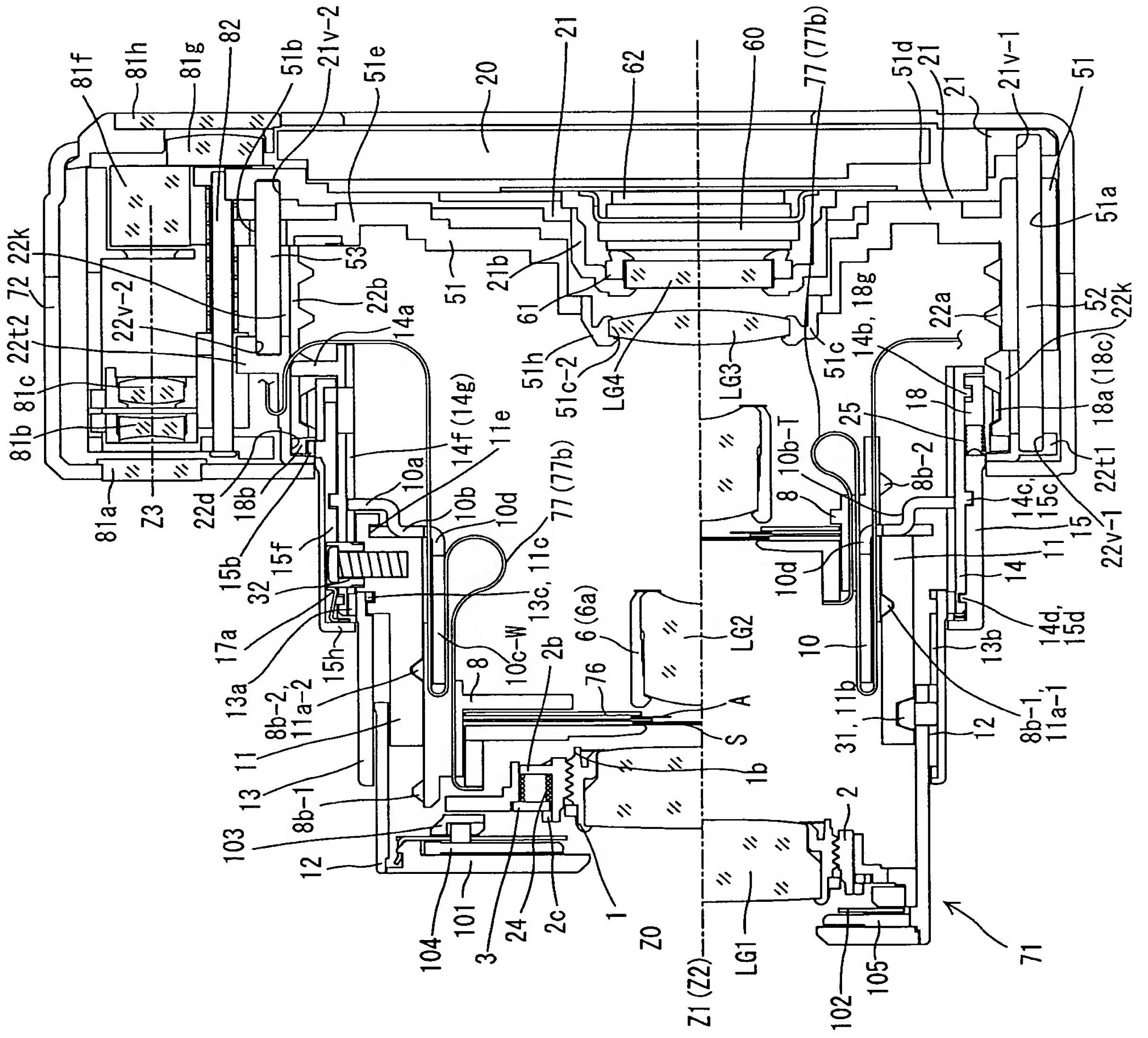


Fig. 10

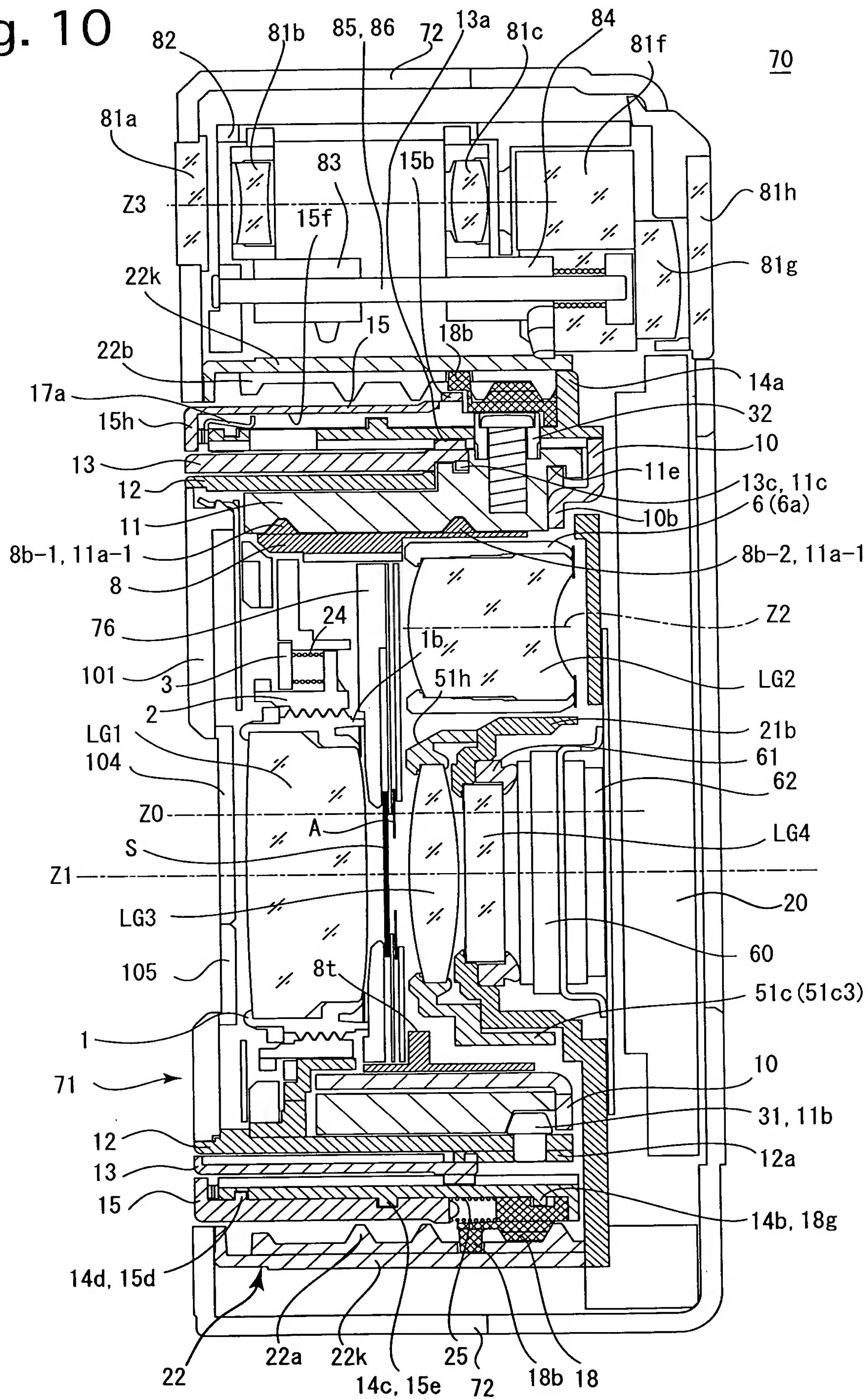


Fig. 11

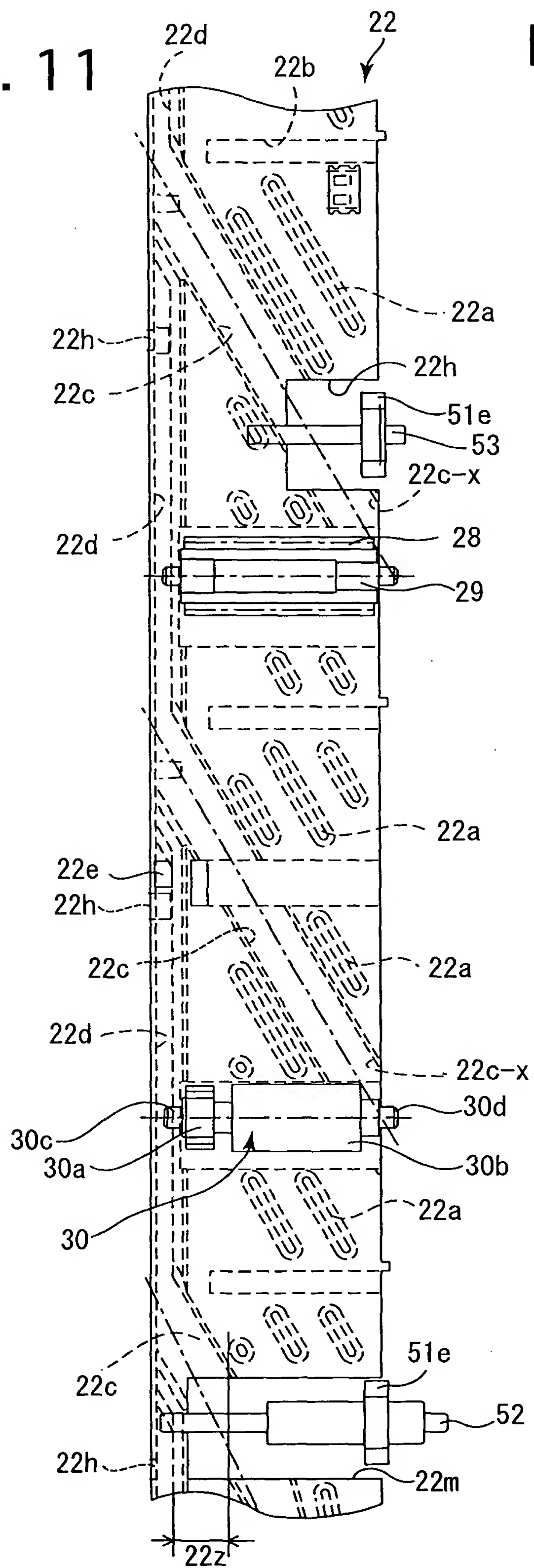


Fig. 12

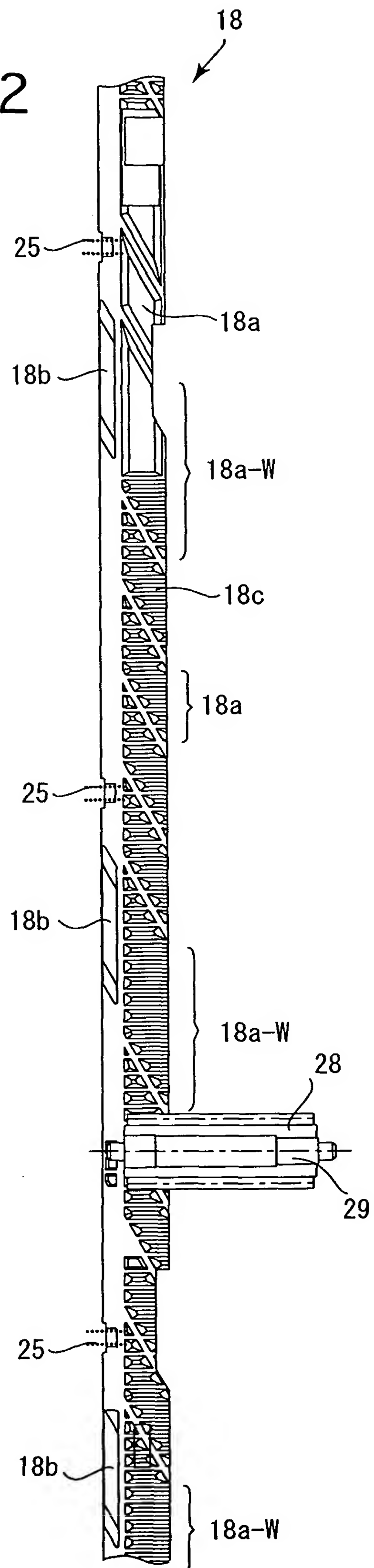


Fig. 13

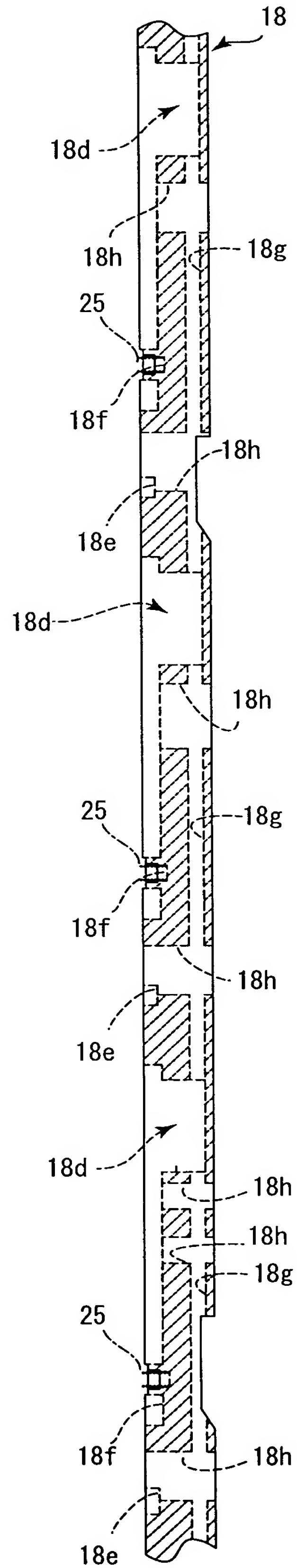


Fig. 14

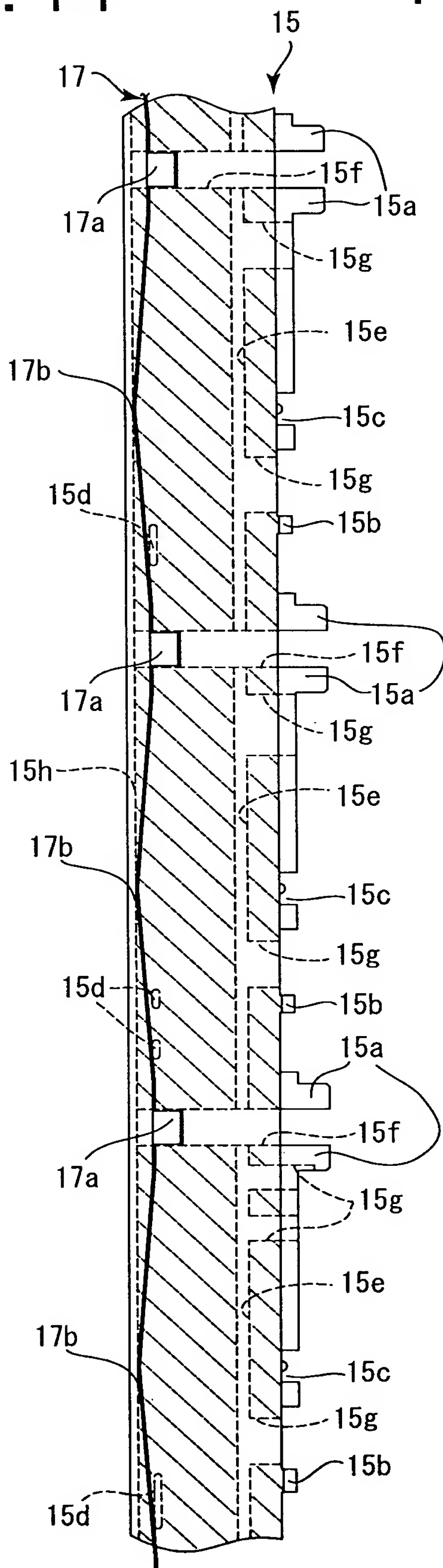


Fig. 15

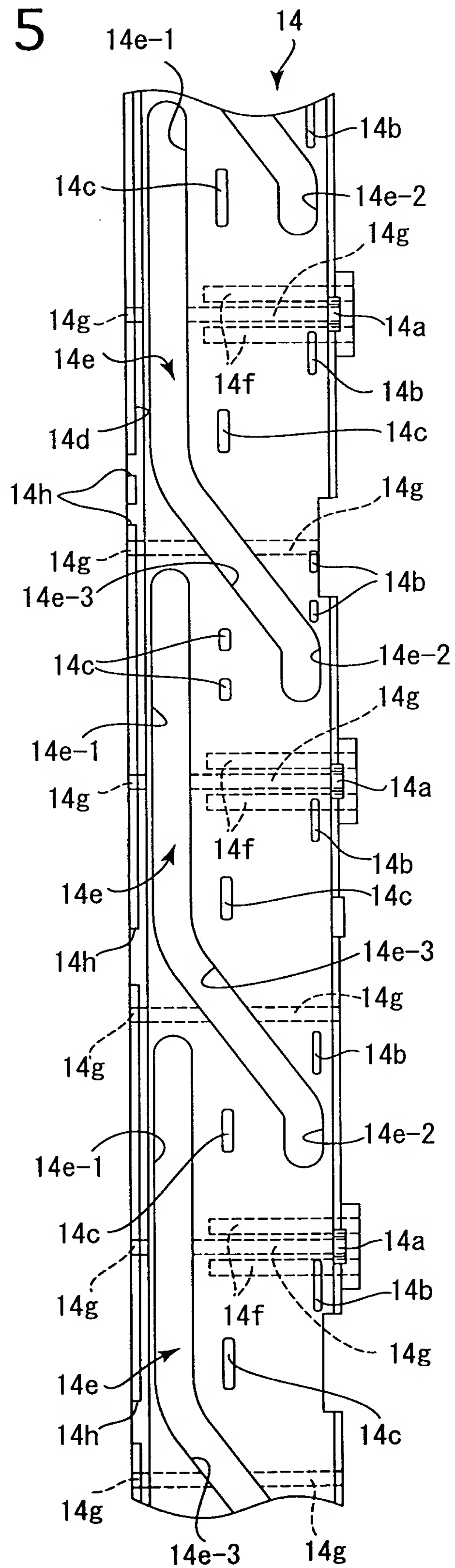


Fig. 16

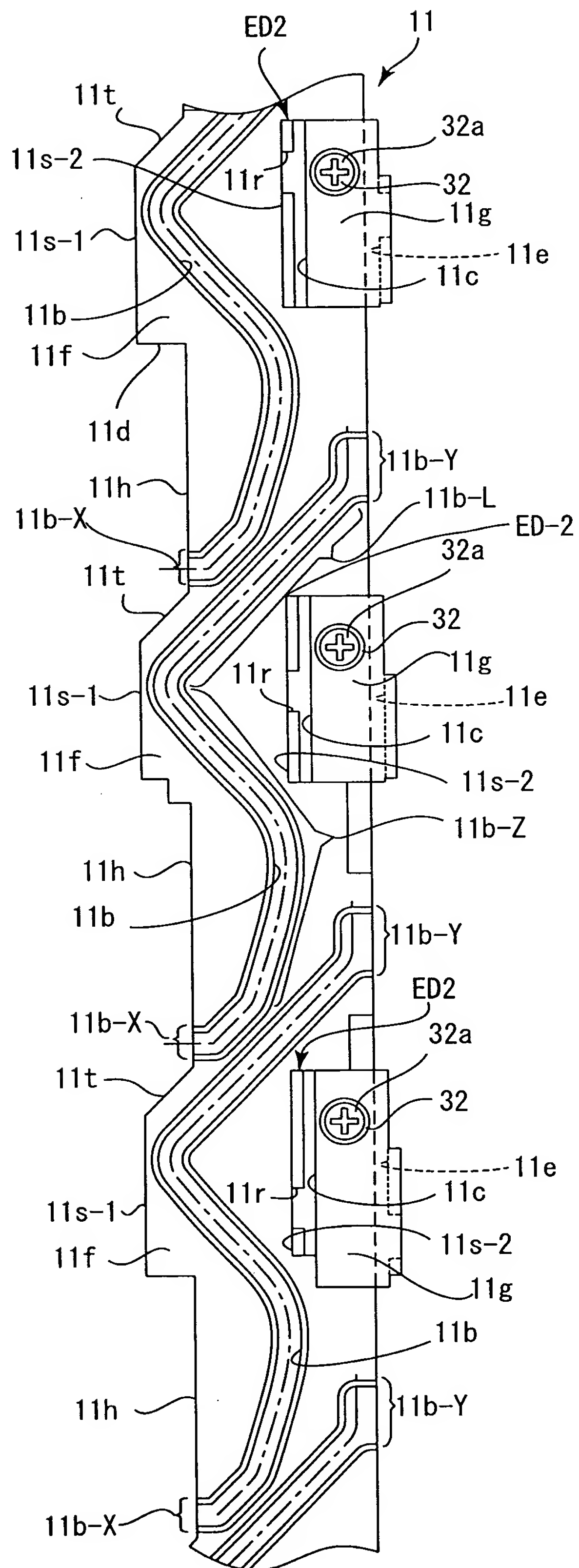


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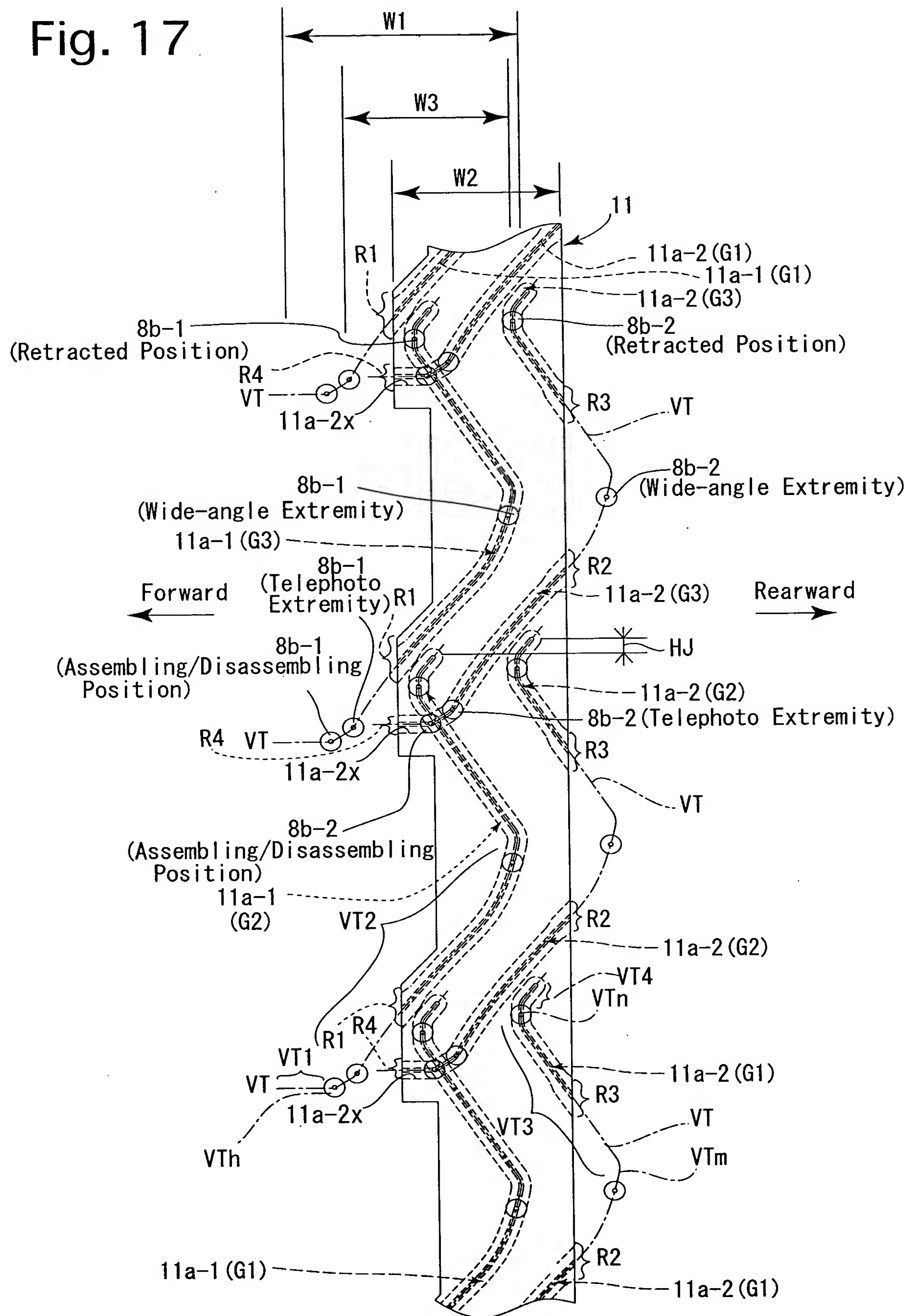


Fig . 19

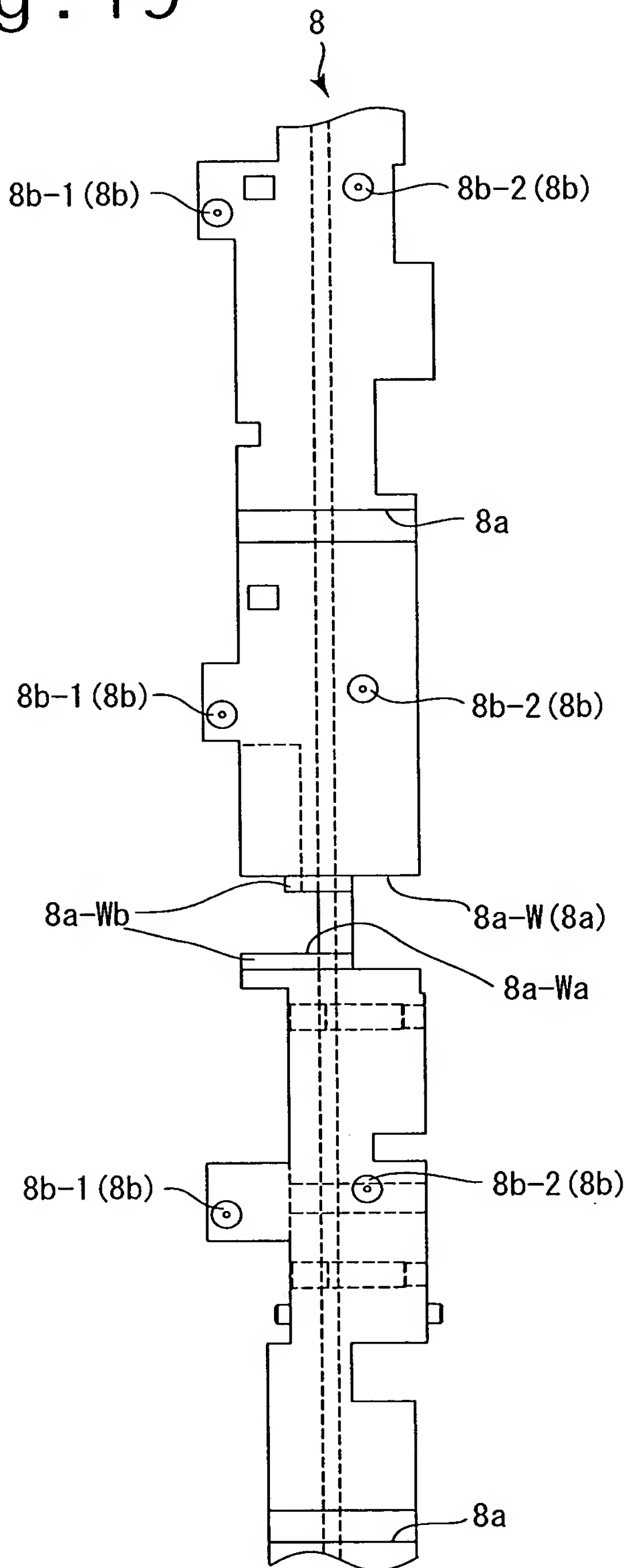


Fig . 18

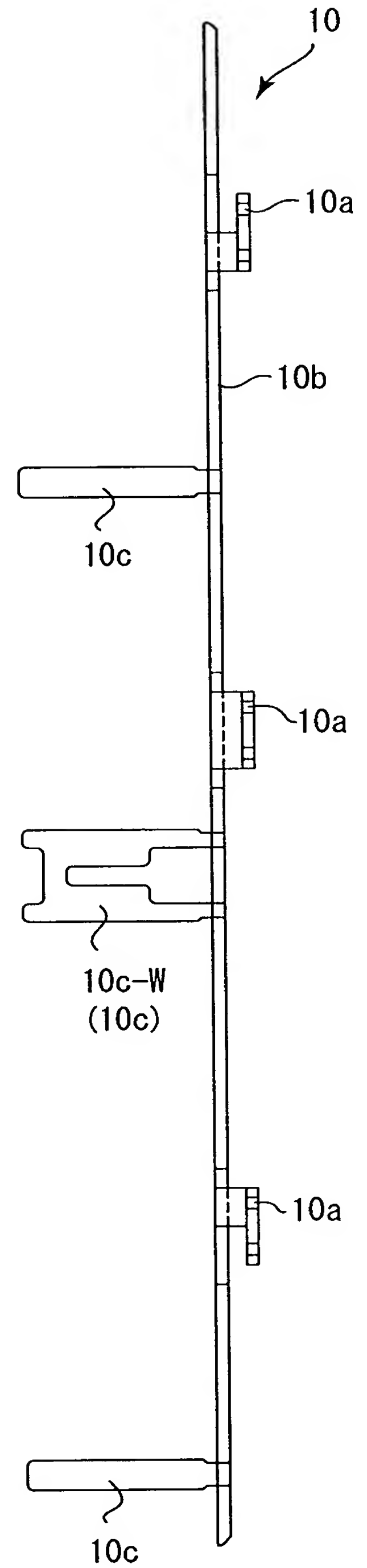


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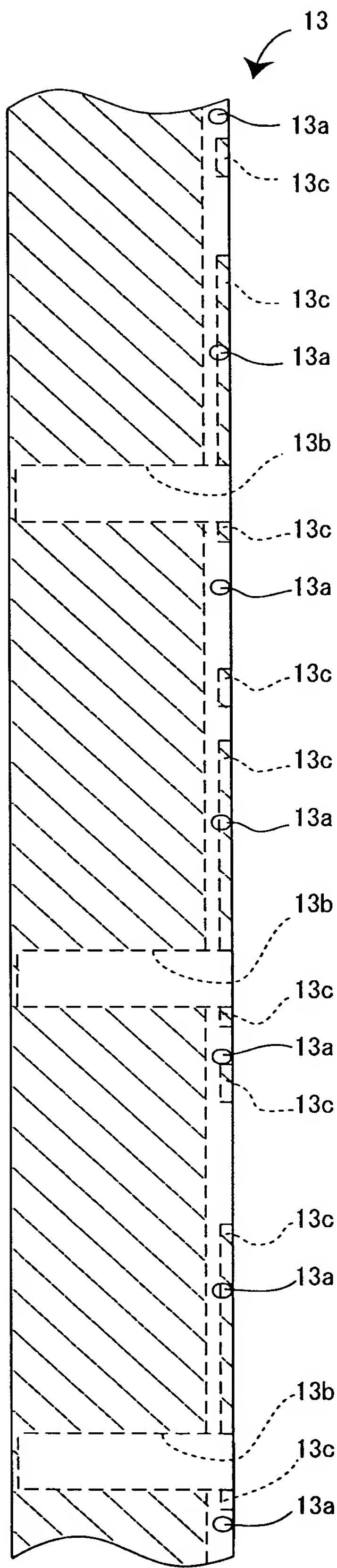


Fig. 21

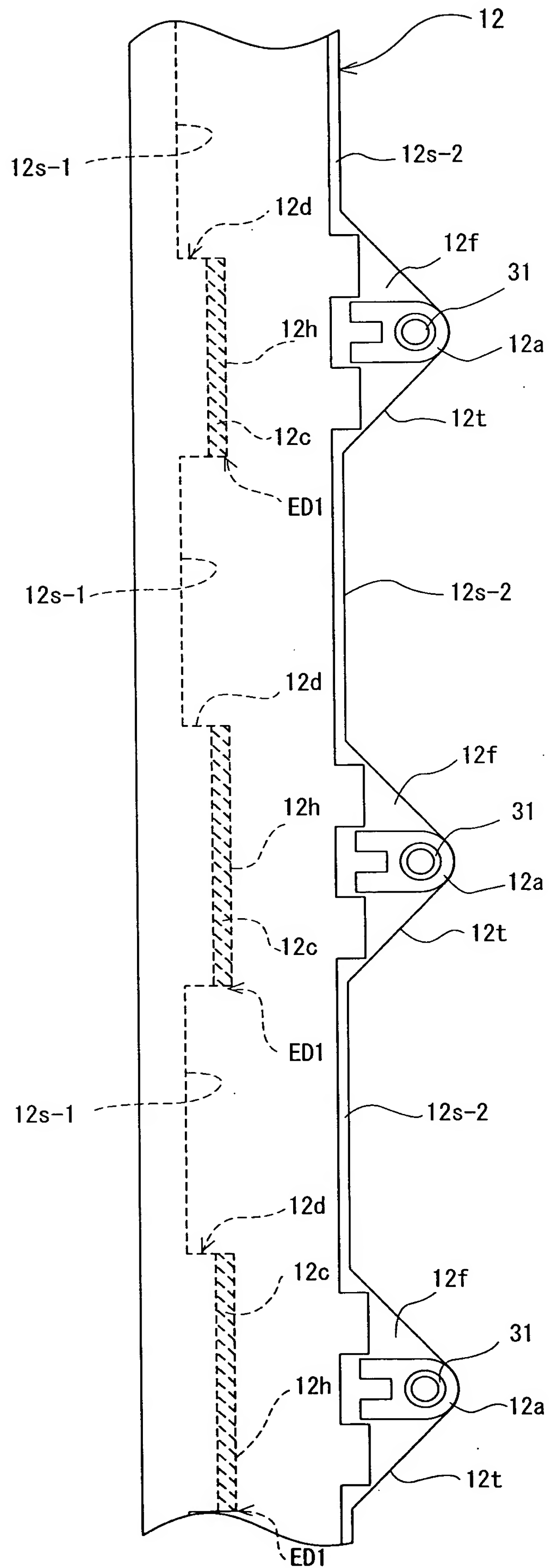


Fig. 22

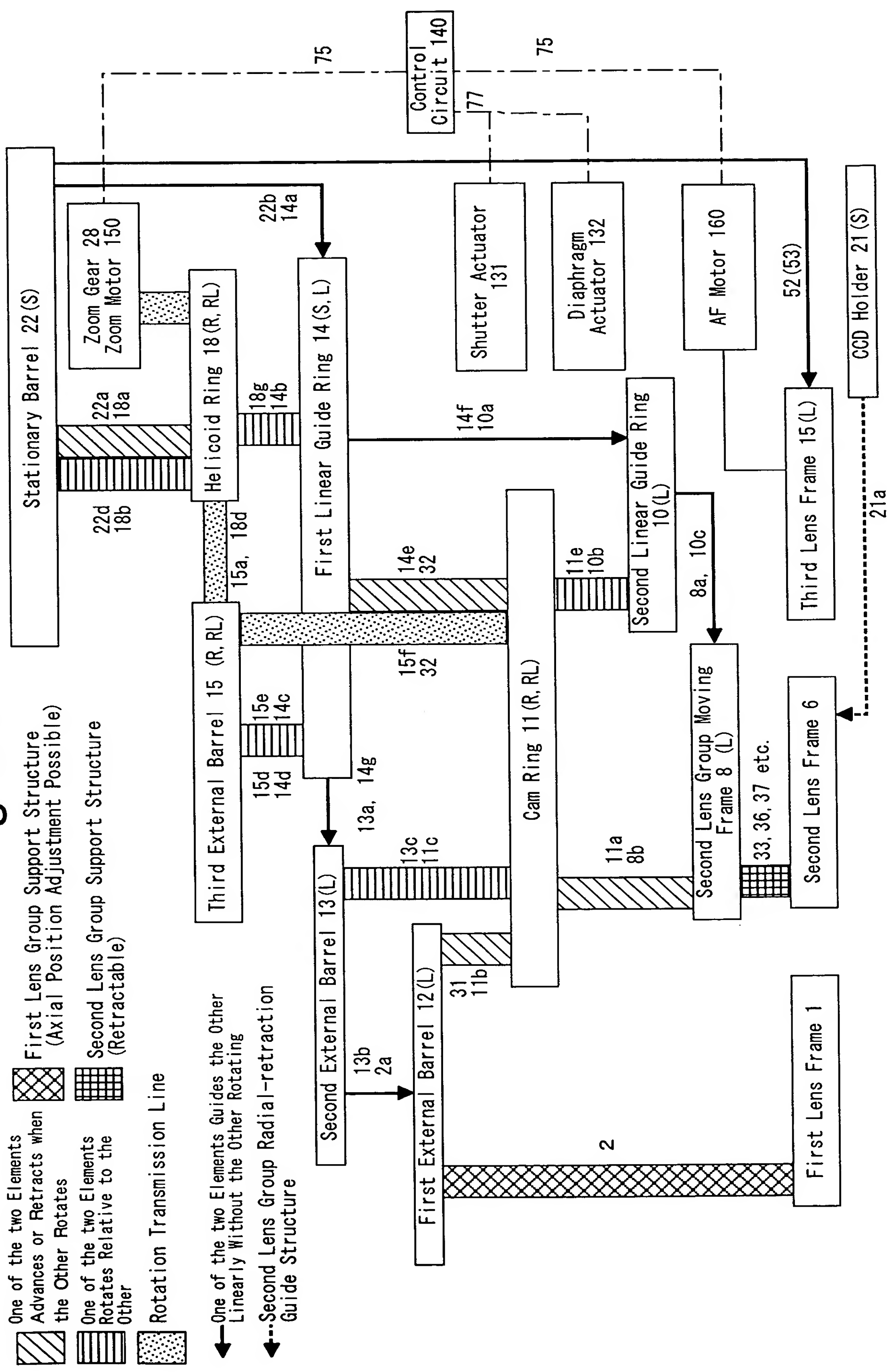


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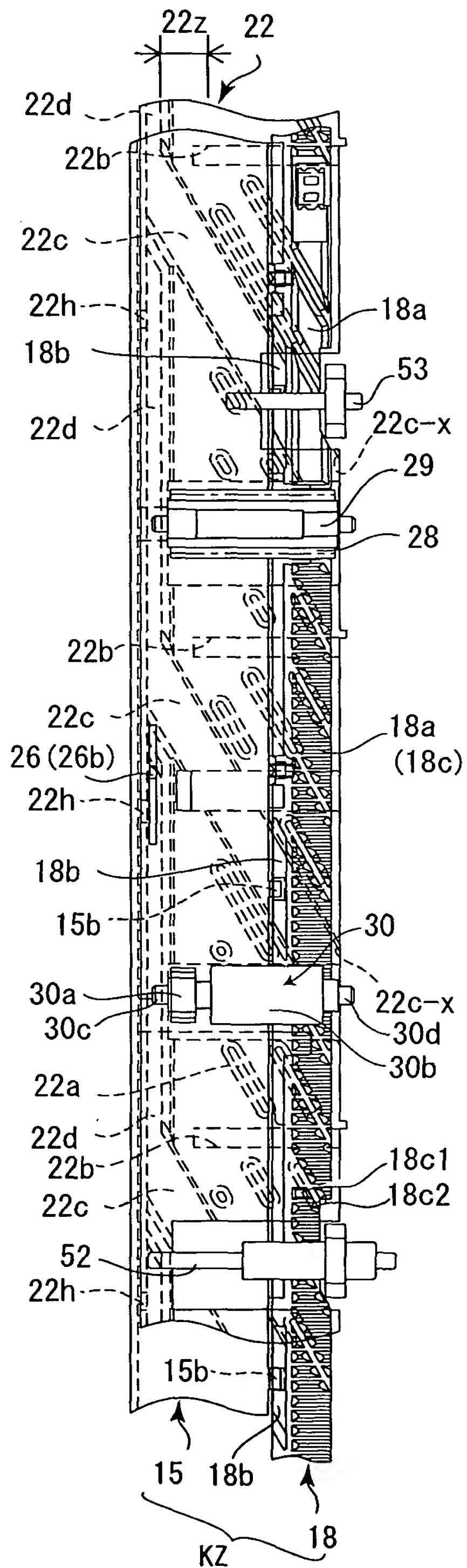


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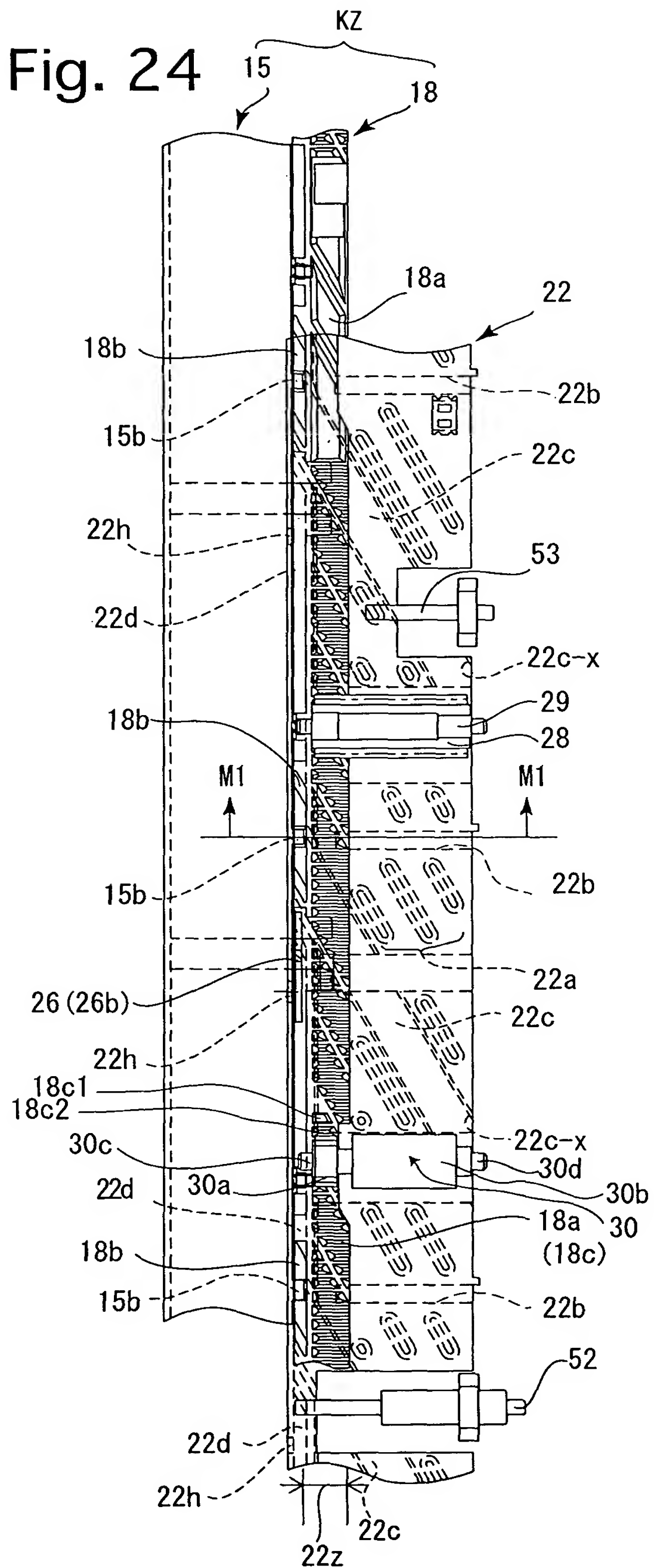


Fig. 25

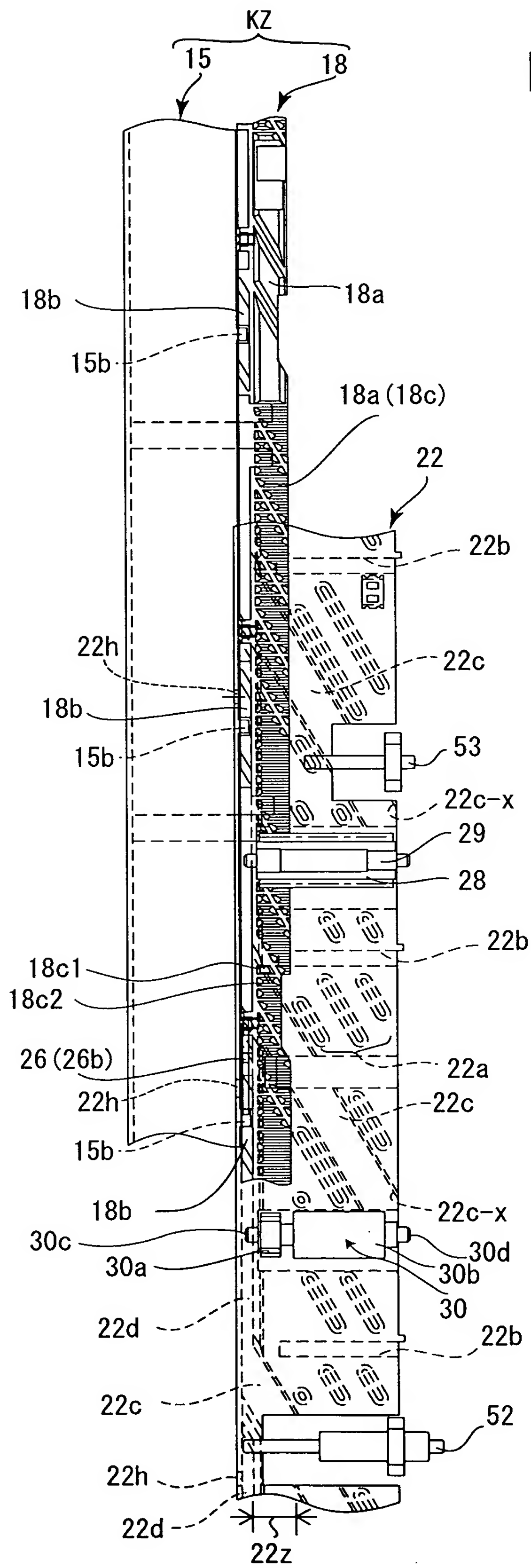


Fig. 26

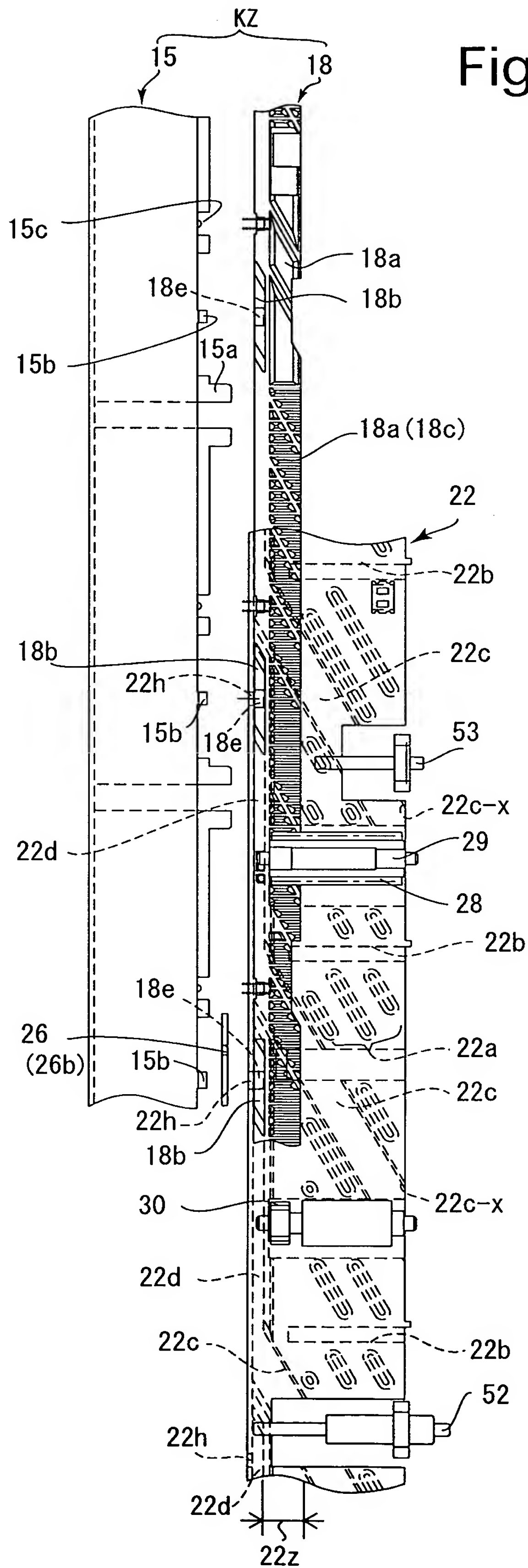


Fig. 27

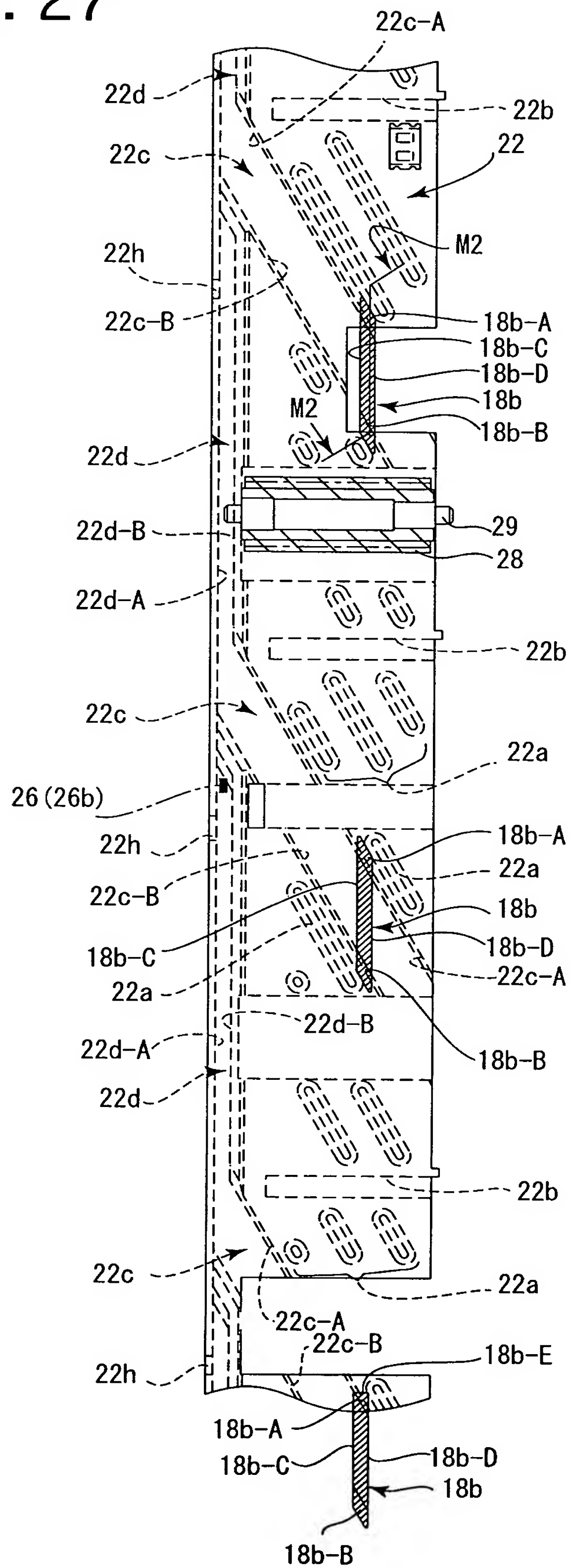


Fig. 28

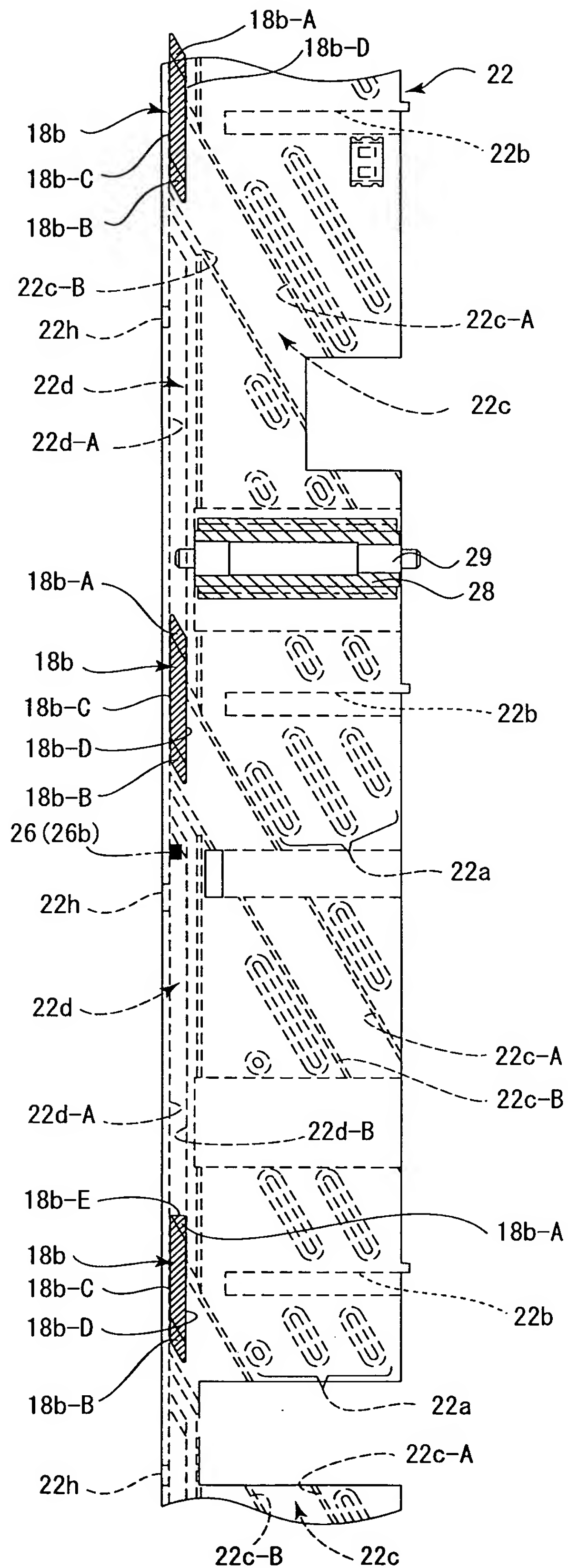


Fig. 29

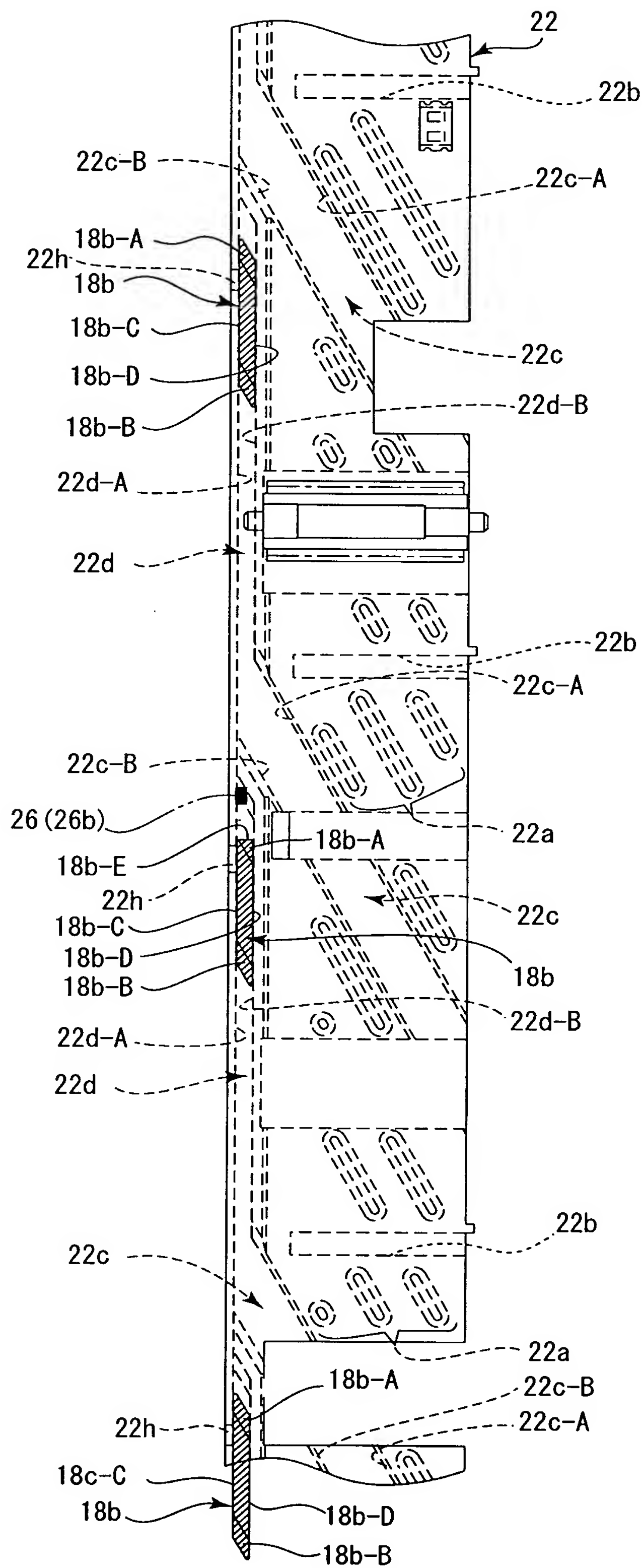


Fig. 30

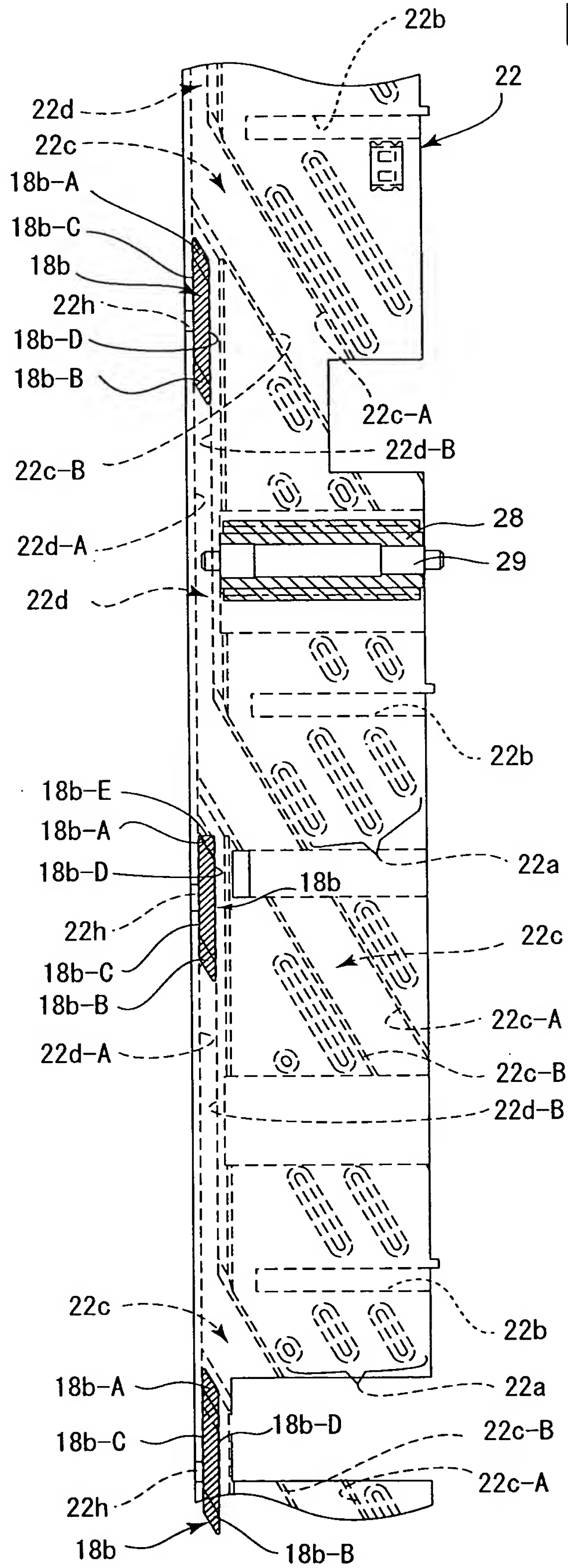


Fig. 31

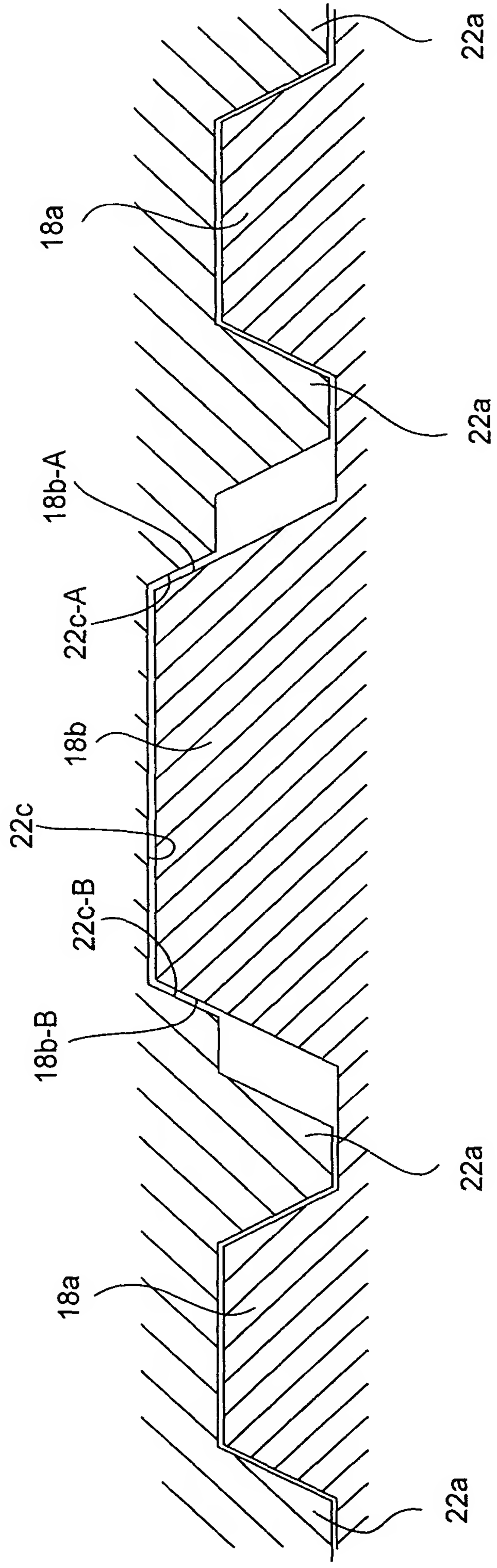


Fig. 32

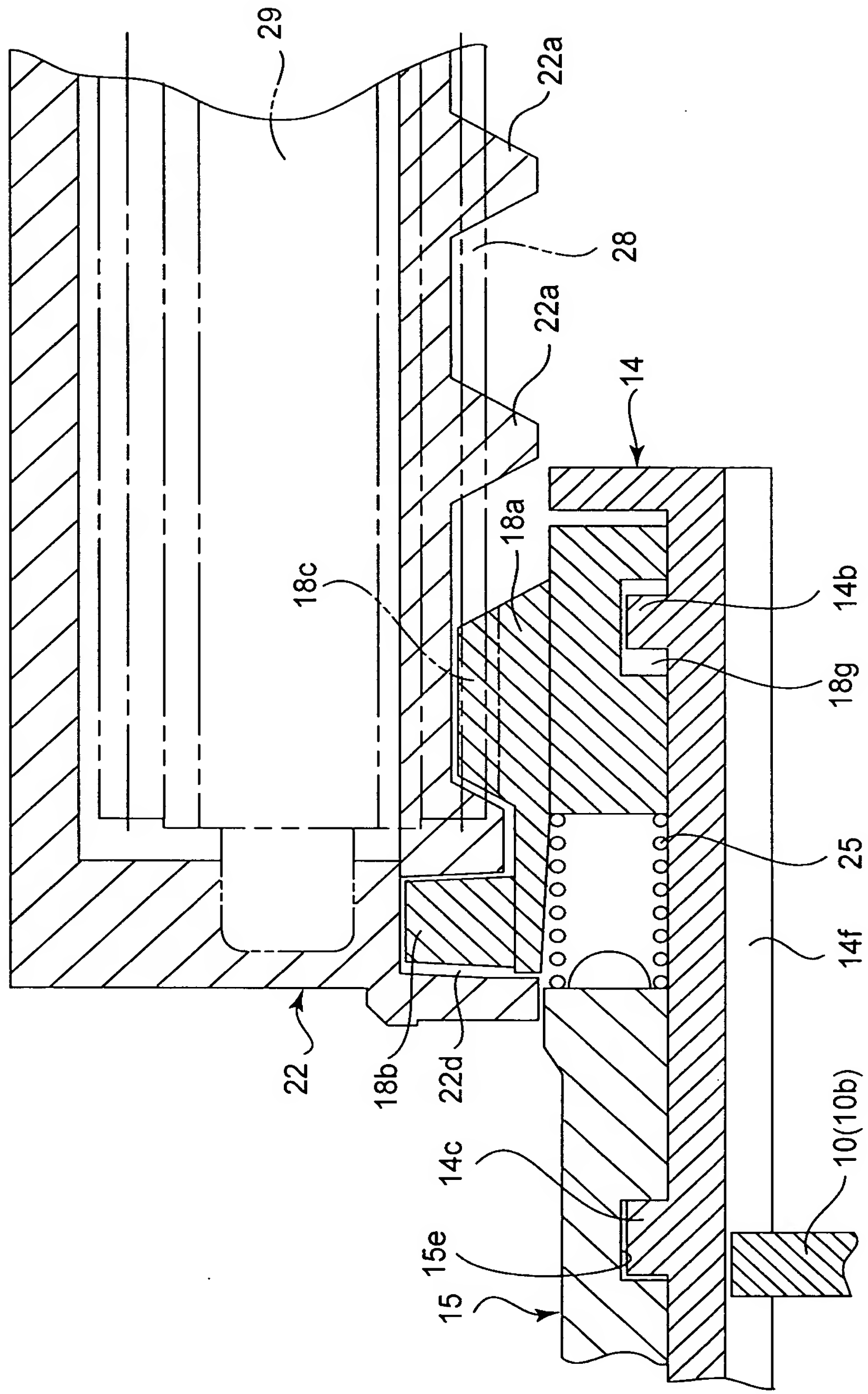


Fig. 33

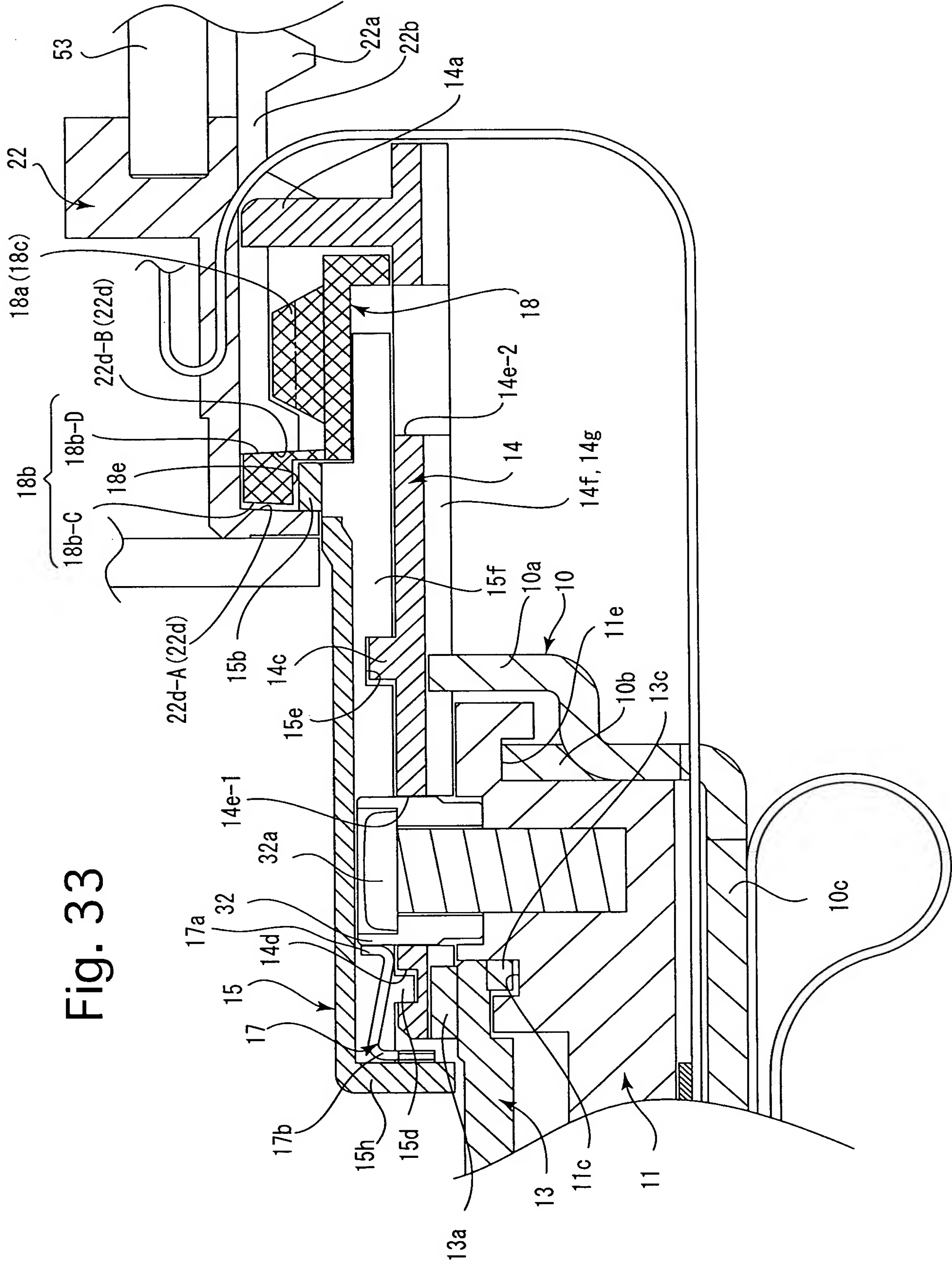


Fig. 36

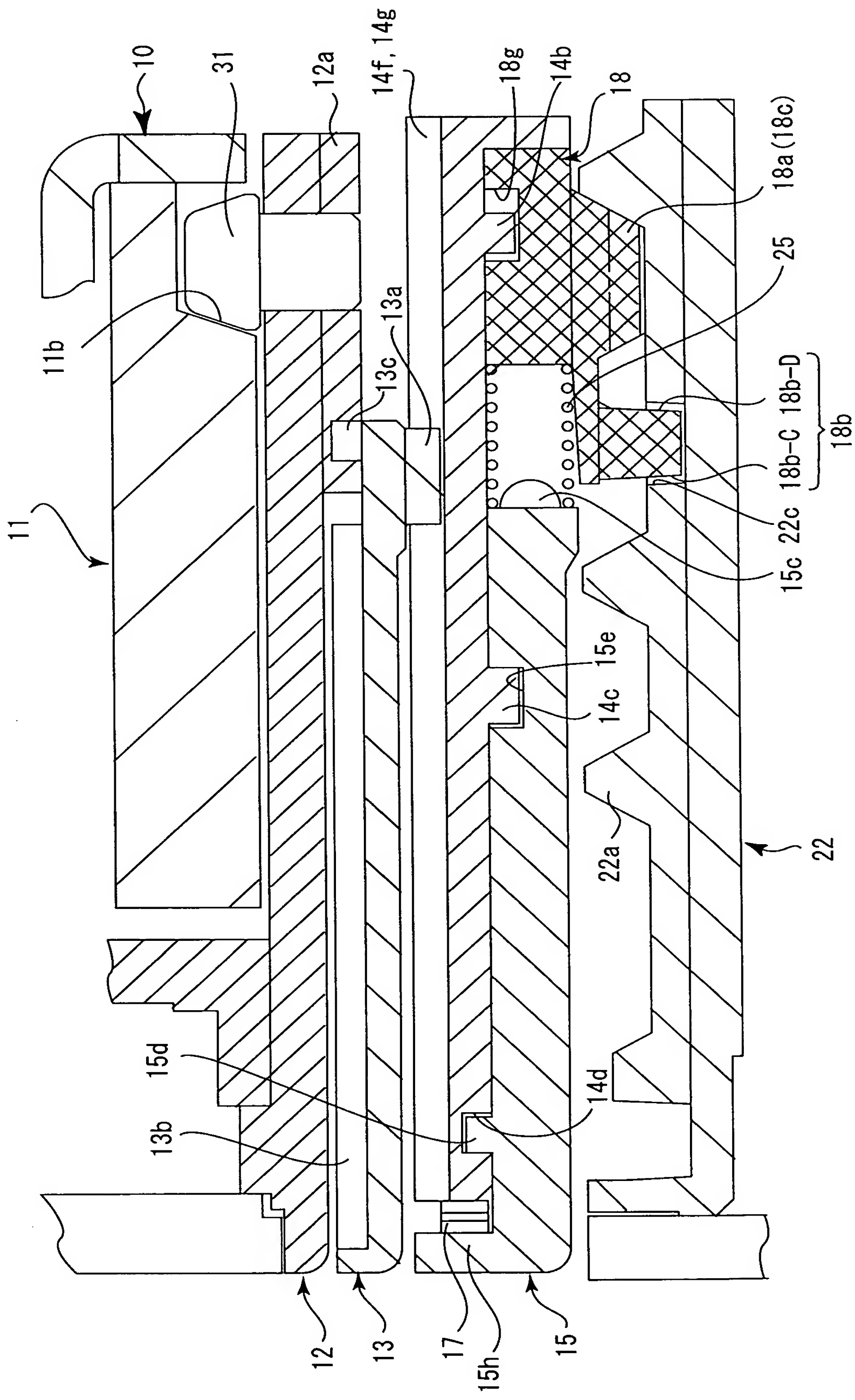


Fig. 37

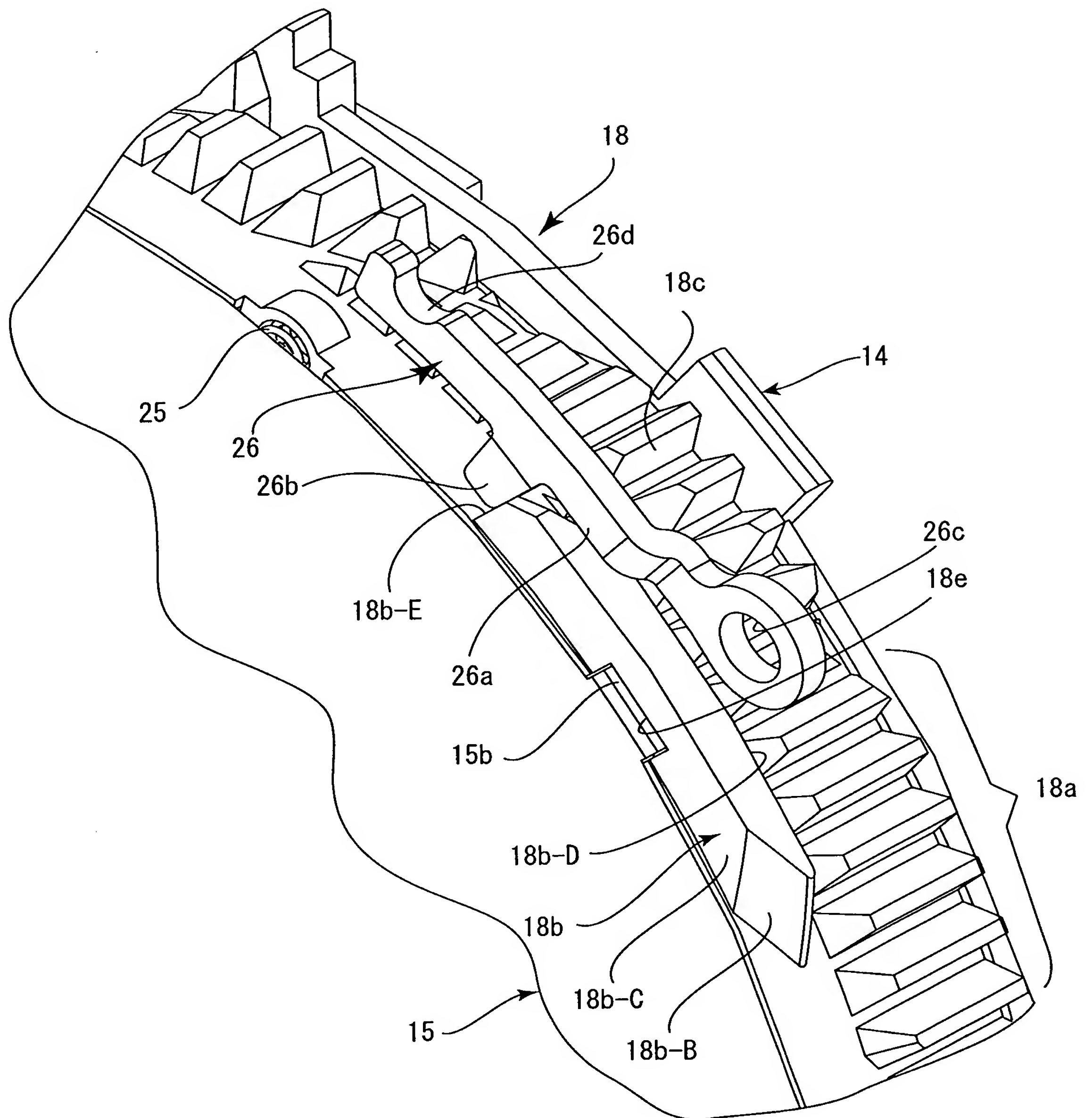
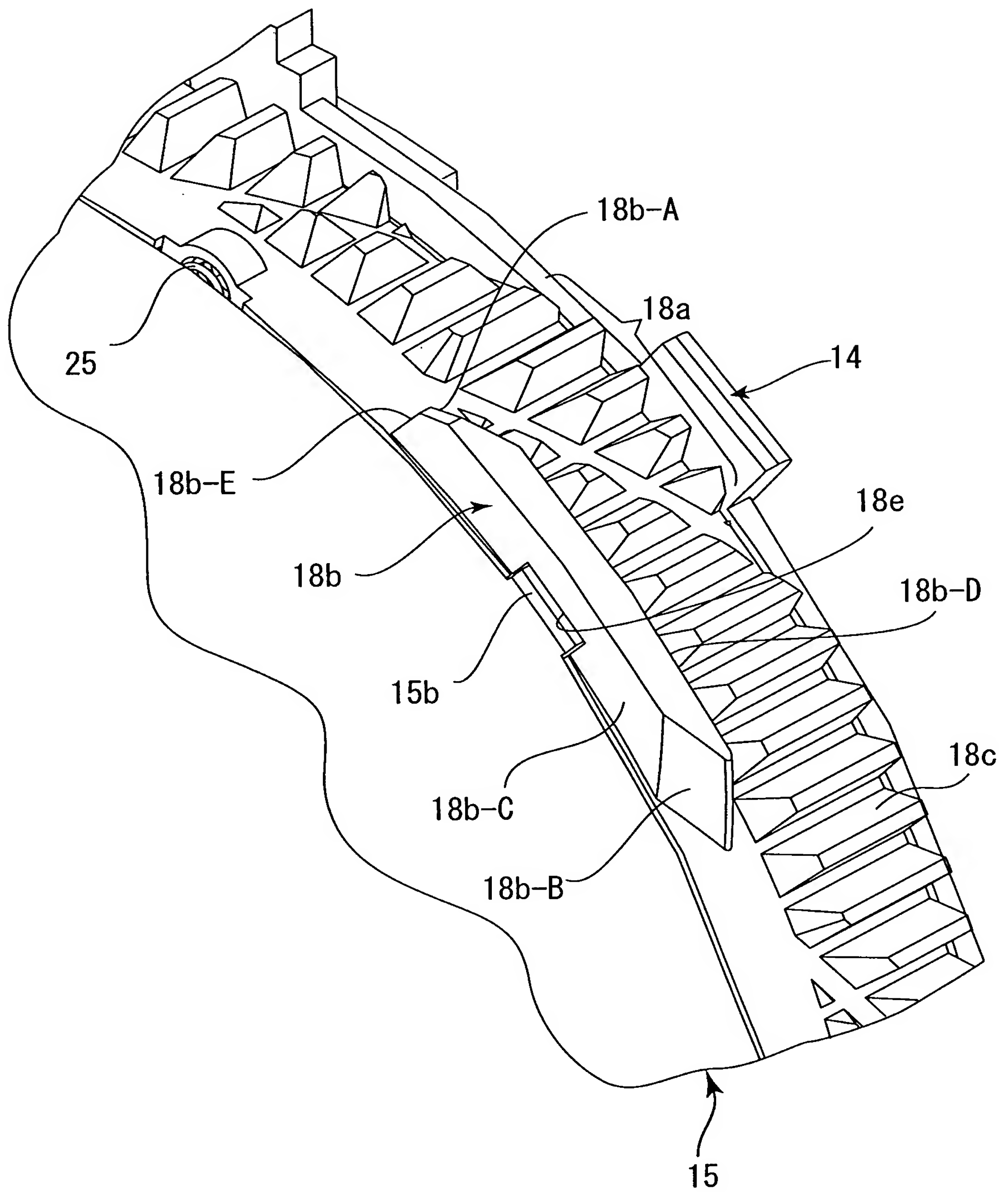


Fig. 38



• **Conductivity** is the ability of a substance to carry an electric current. It is a measure of the ease with which electrons can move through a material. Conductivity is typically measured in Siemens per meter (S/m).

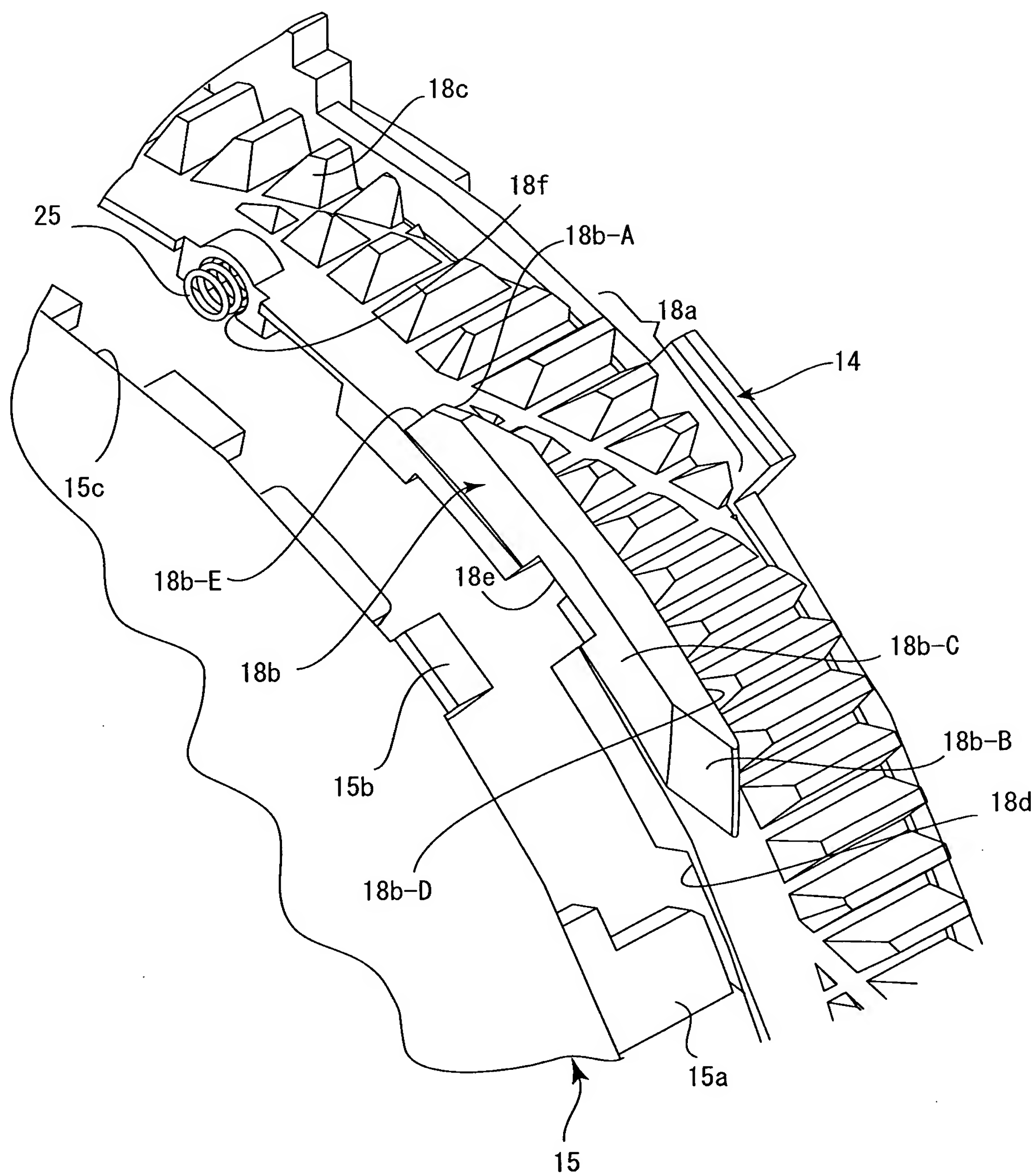


Fig . 40

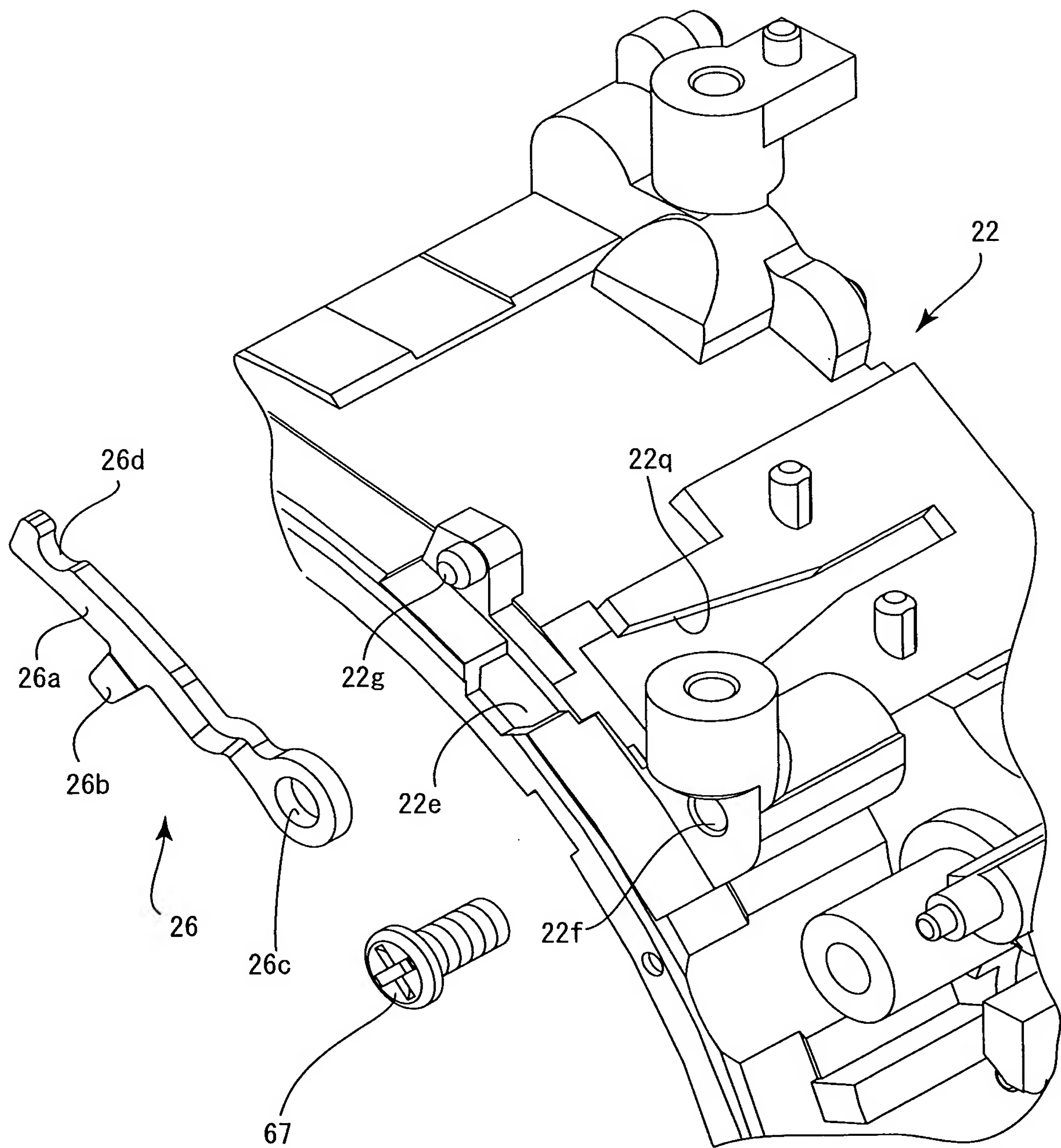


Fig . 41

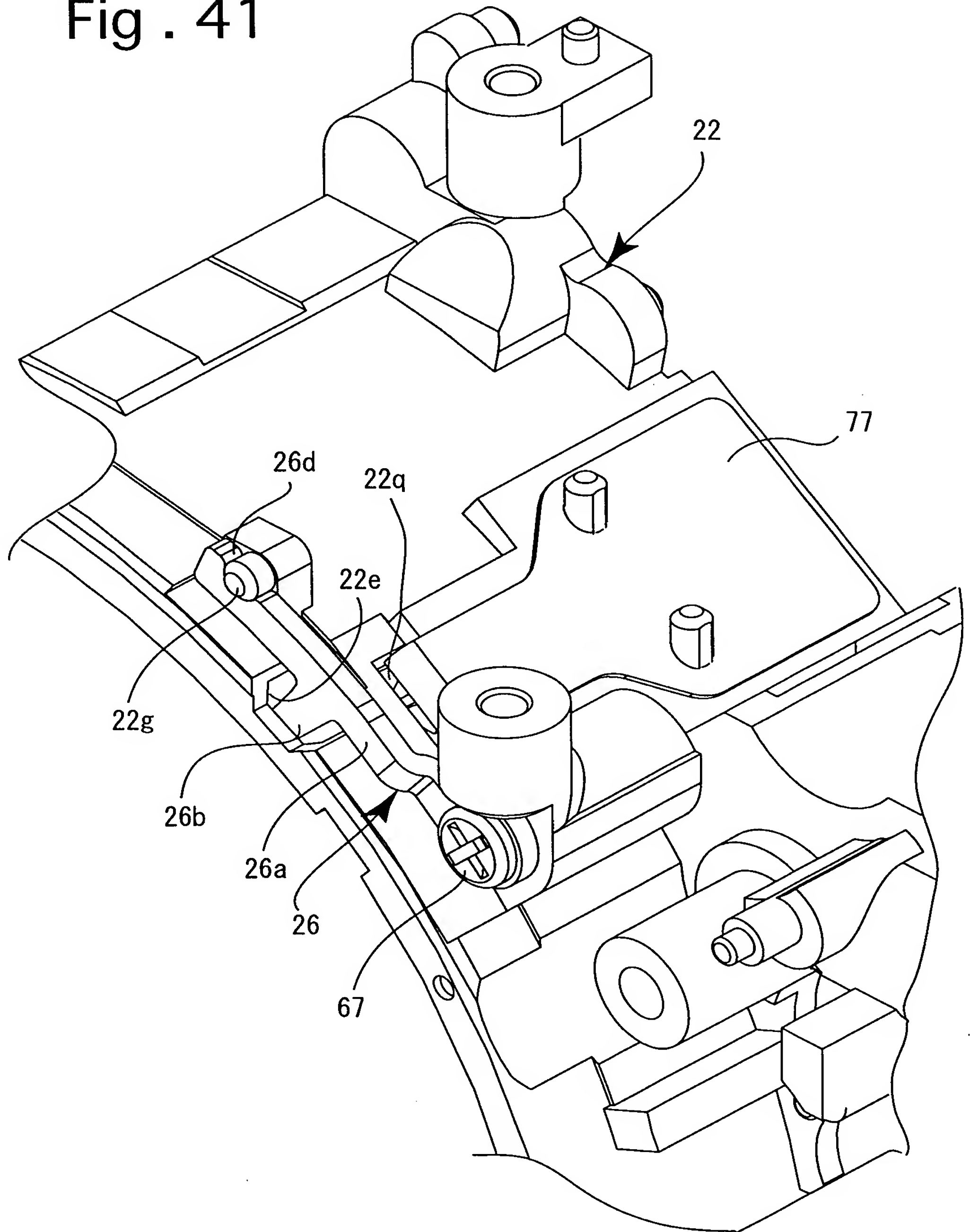


Fig. 42

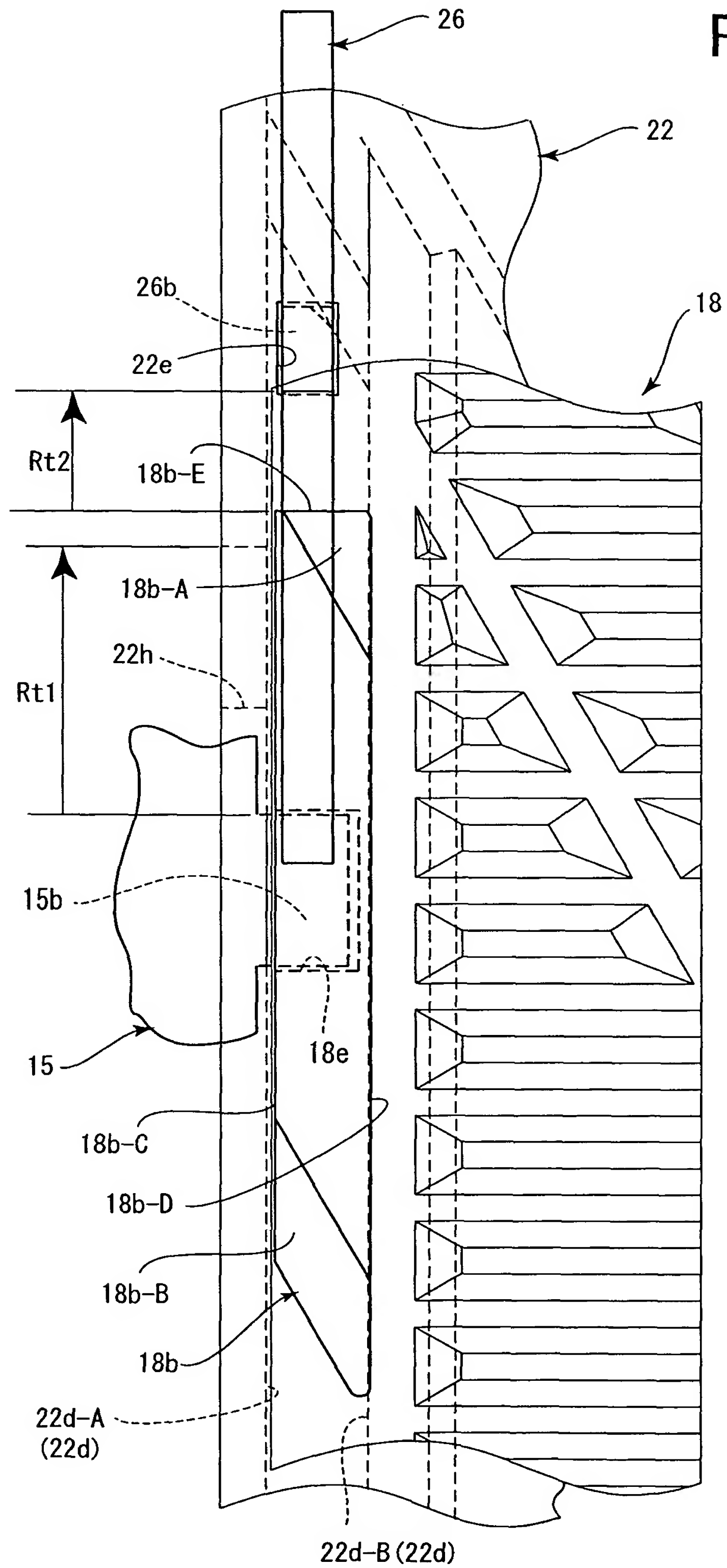


Fig. 43

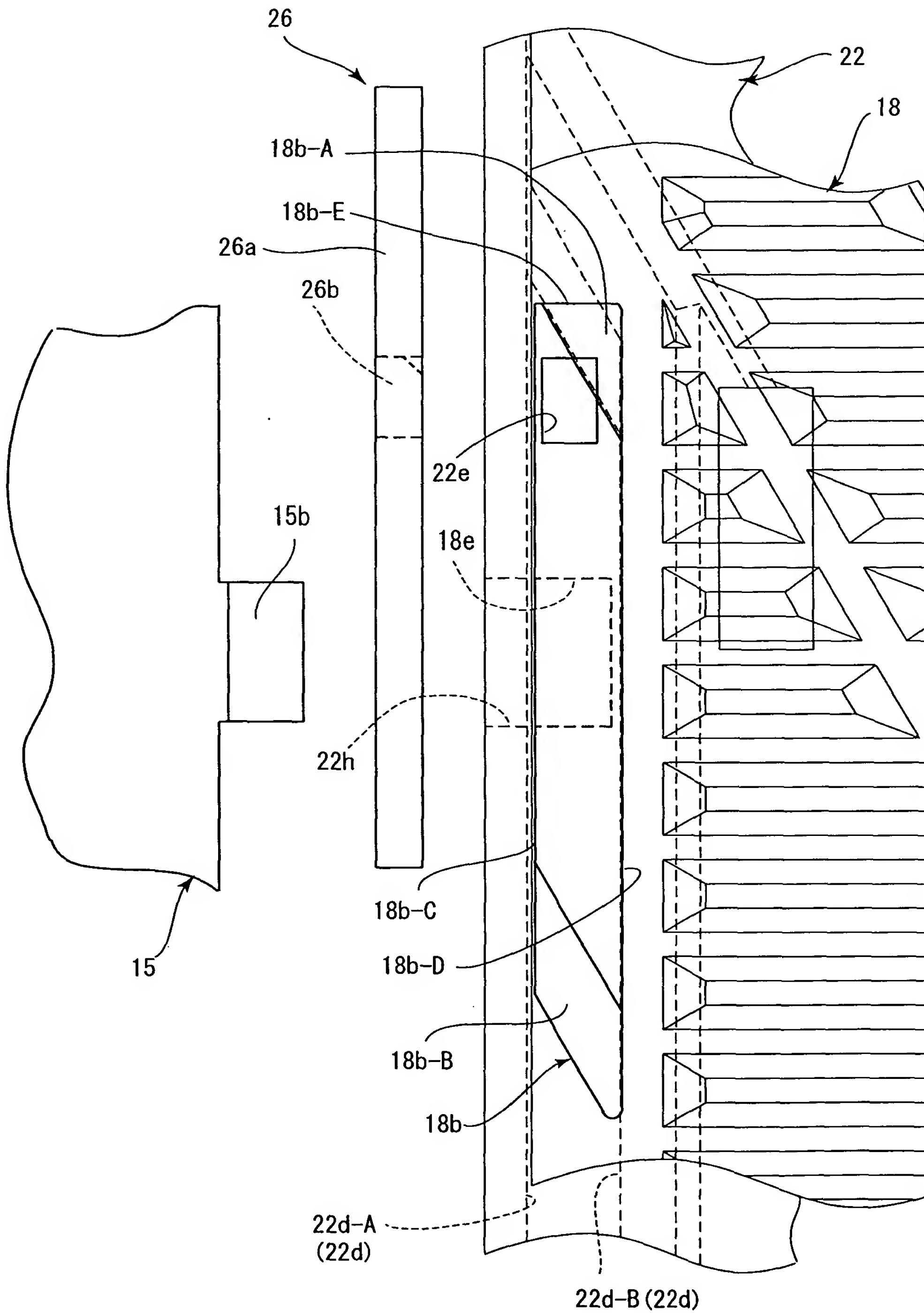


Fig. 44

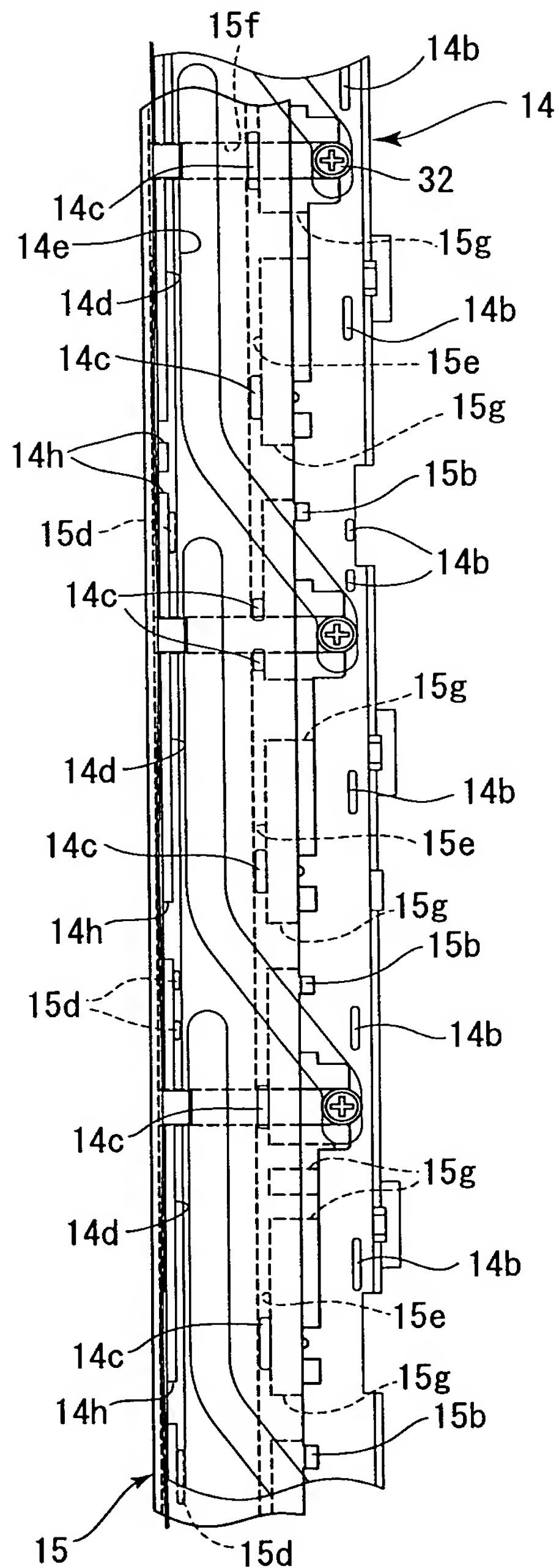


Fig. 45

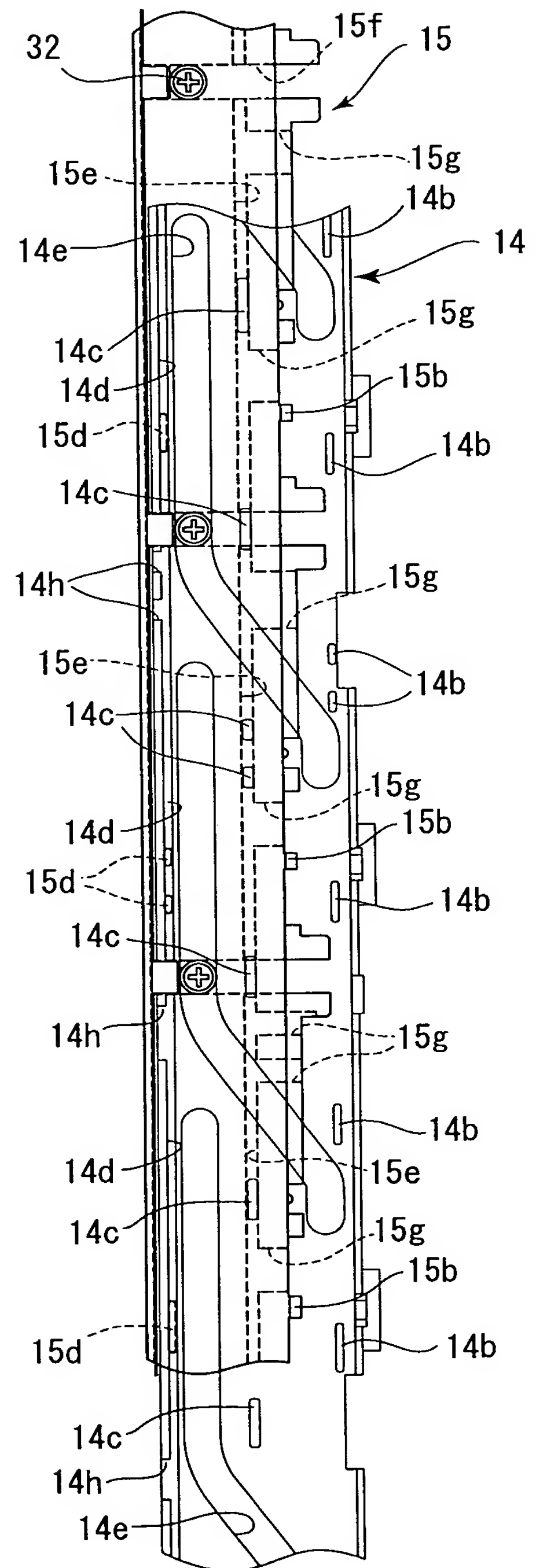


Fig. 46

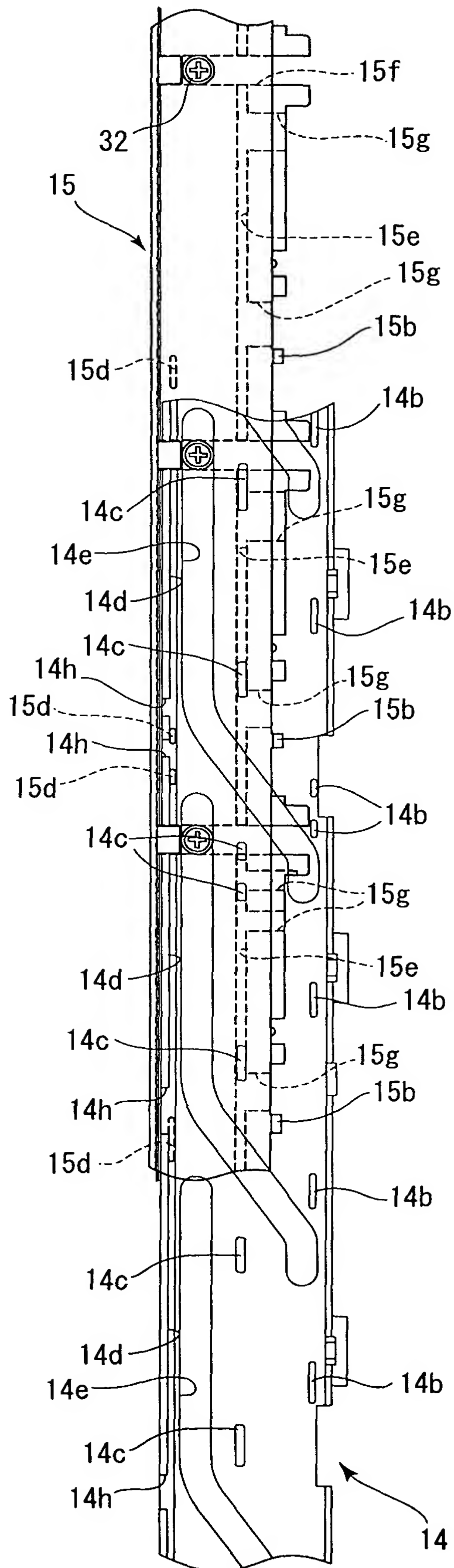


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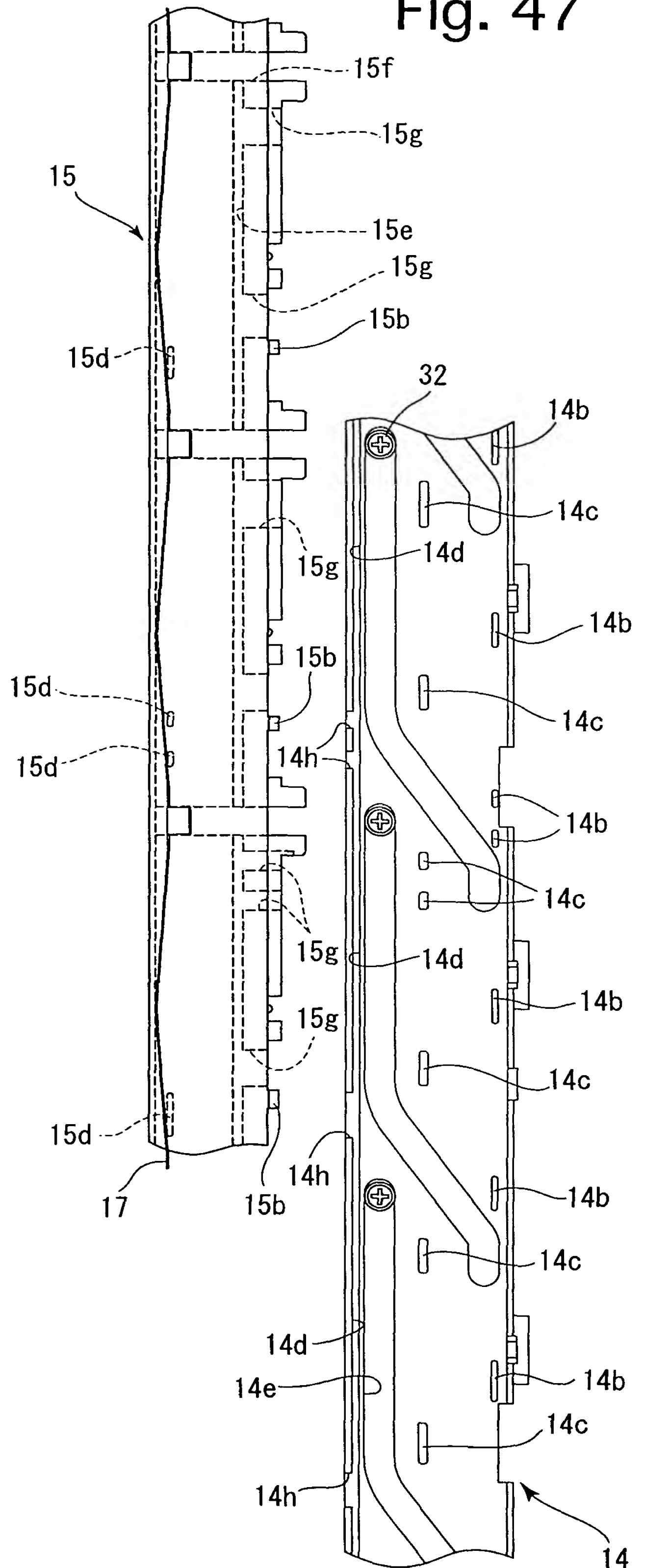


Fig. 48

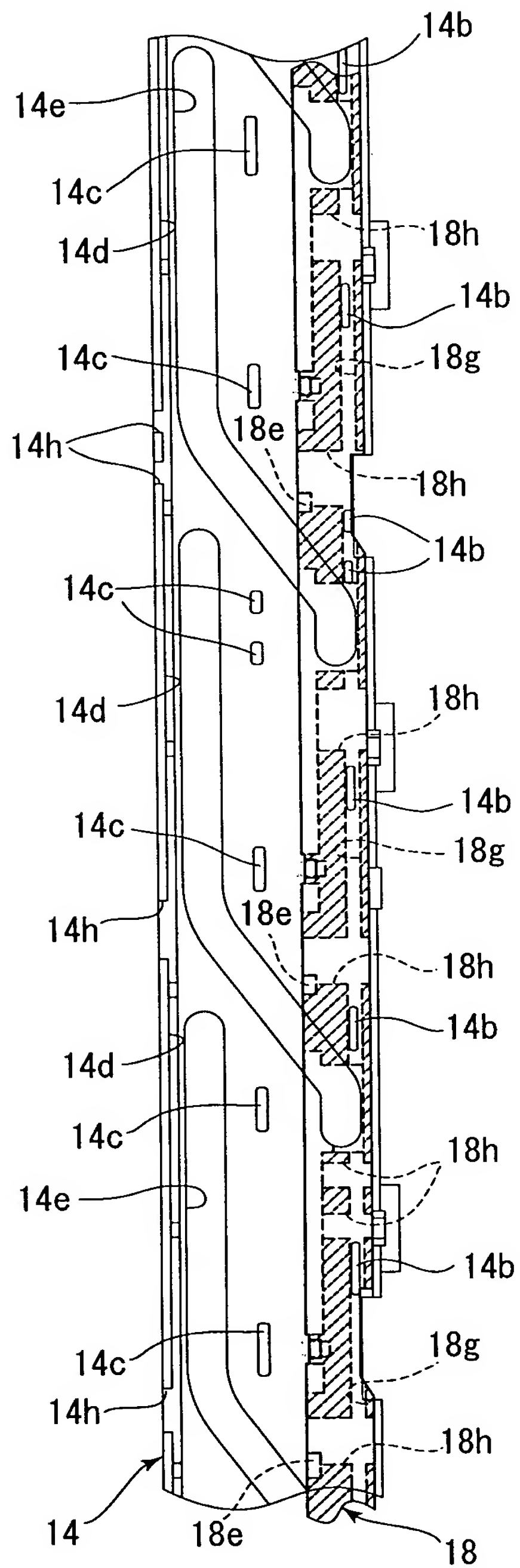


Fig. 49

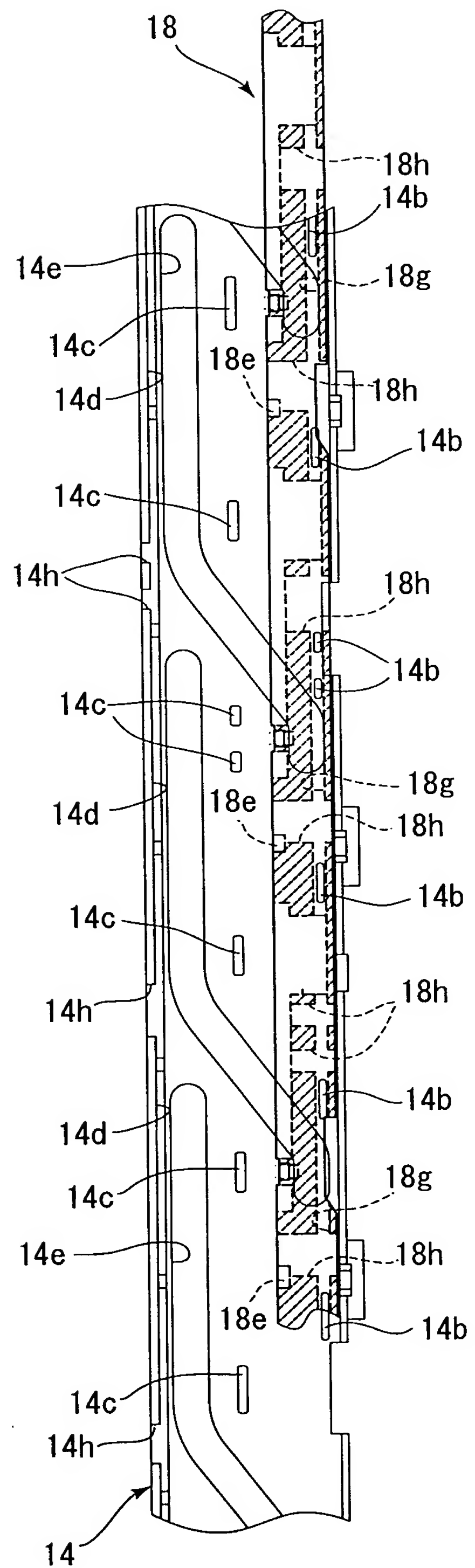


Fig. 50

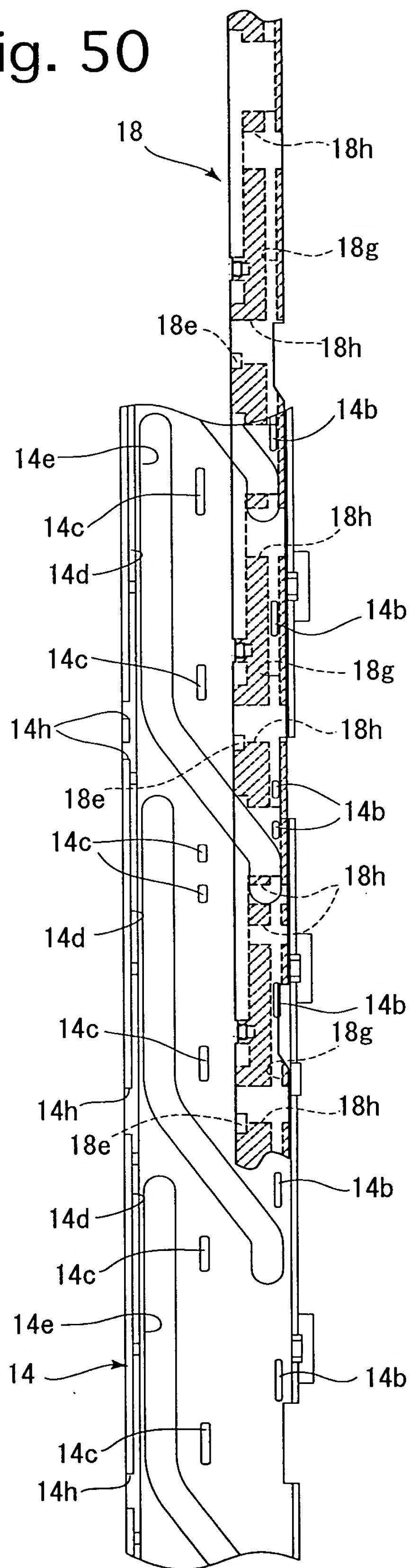


Fig. 51

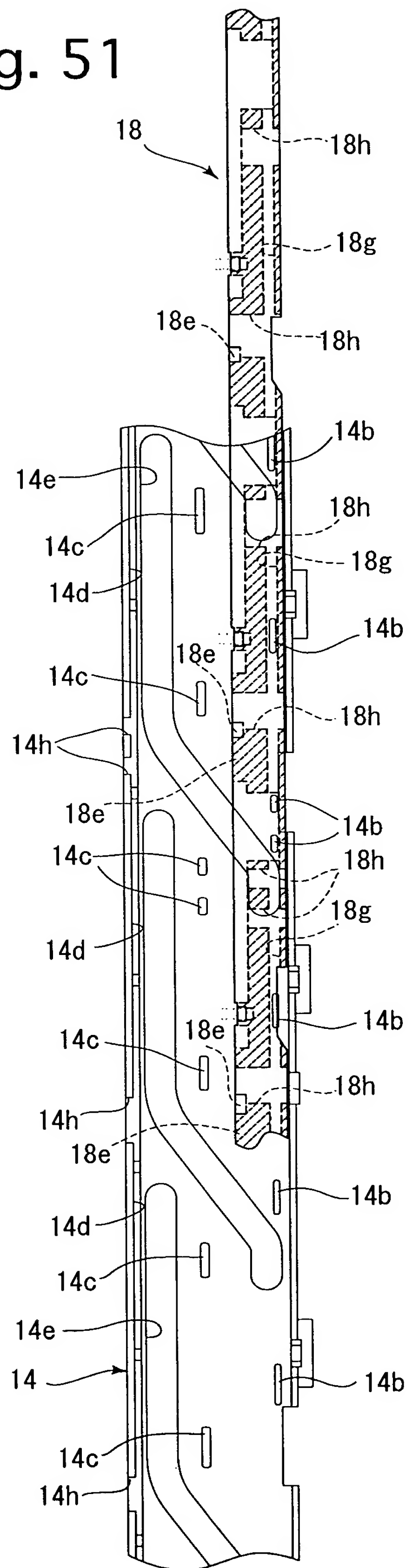


Fig. 52

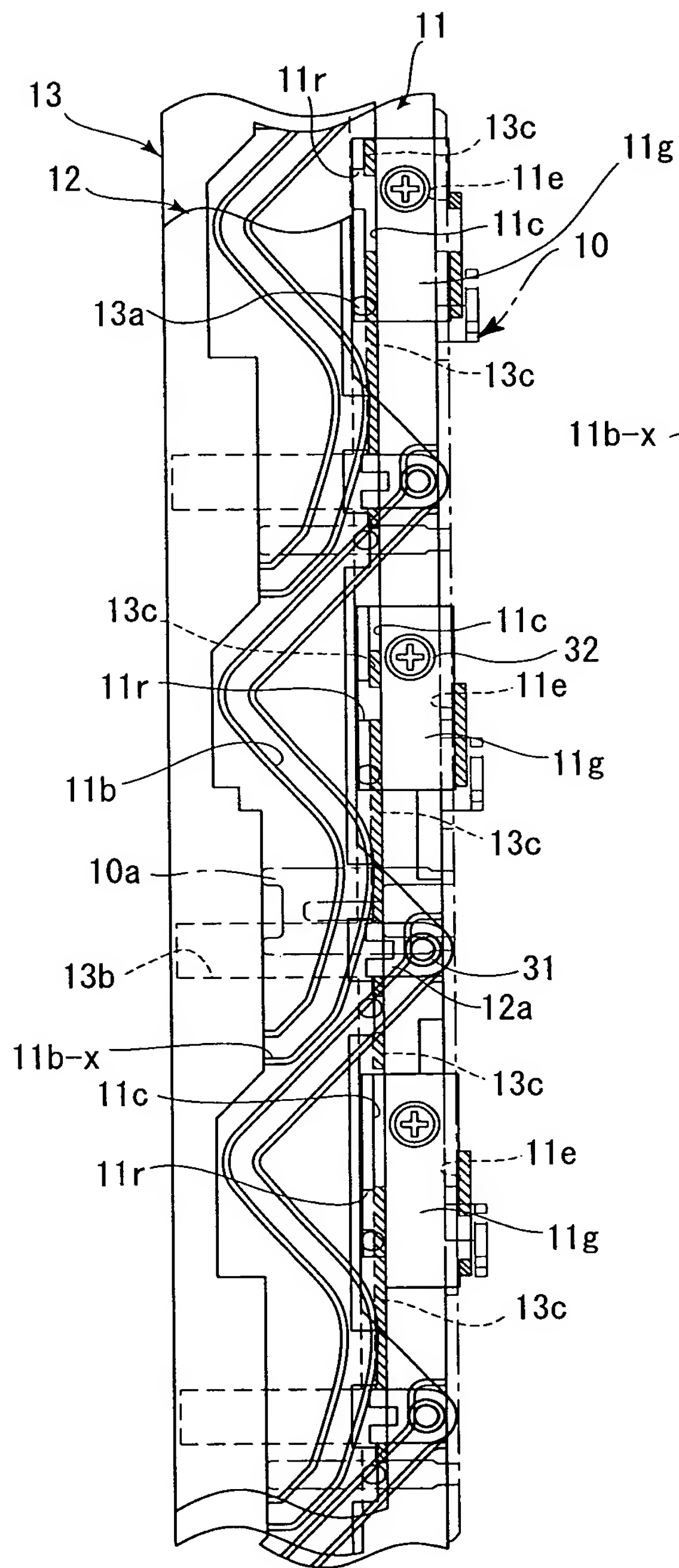


Fig. 53

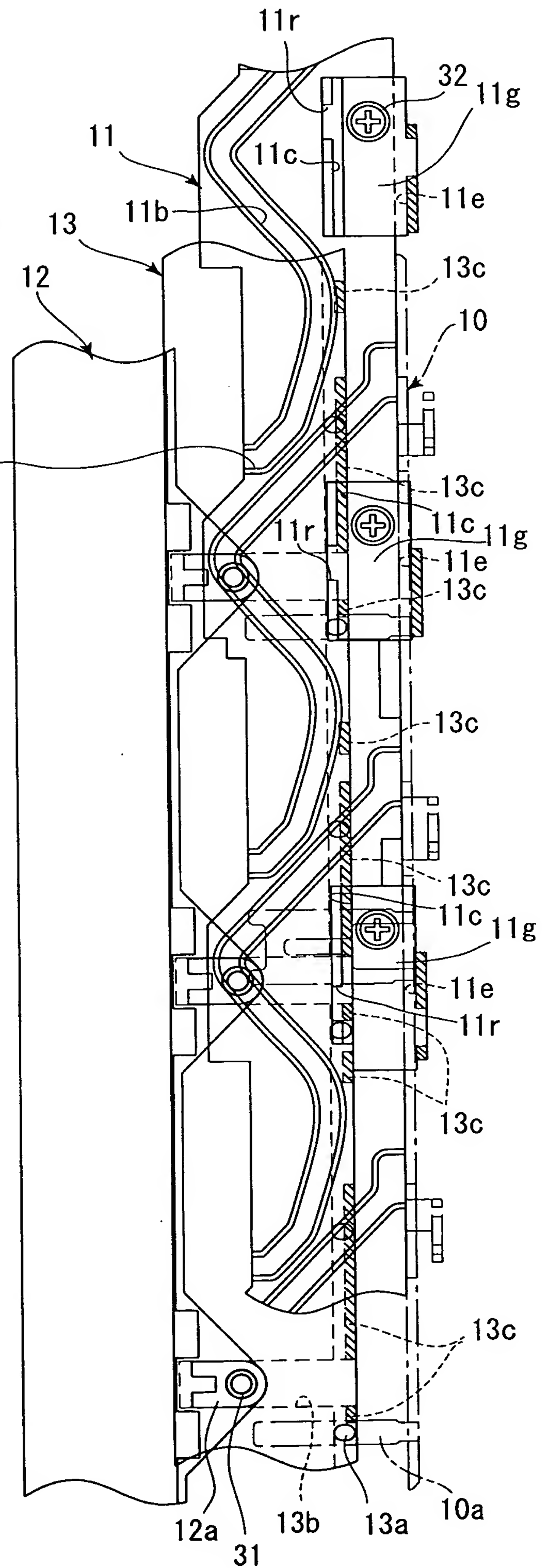


Fig. 54

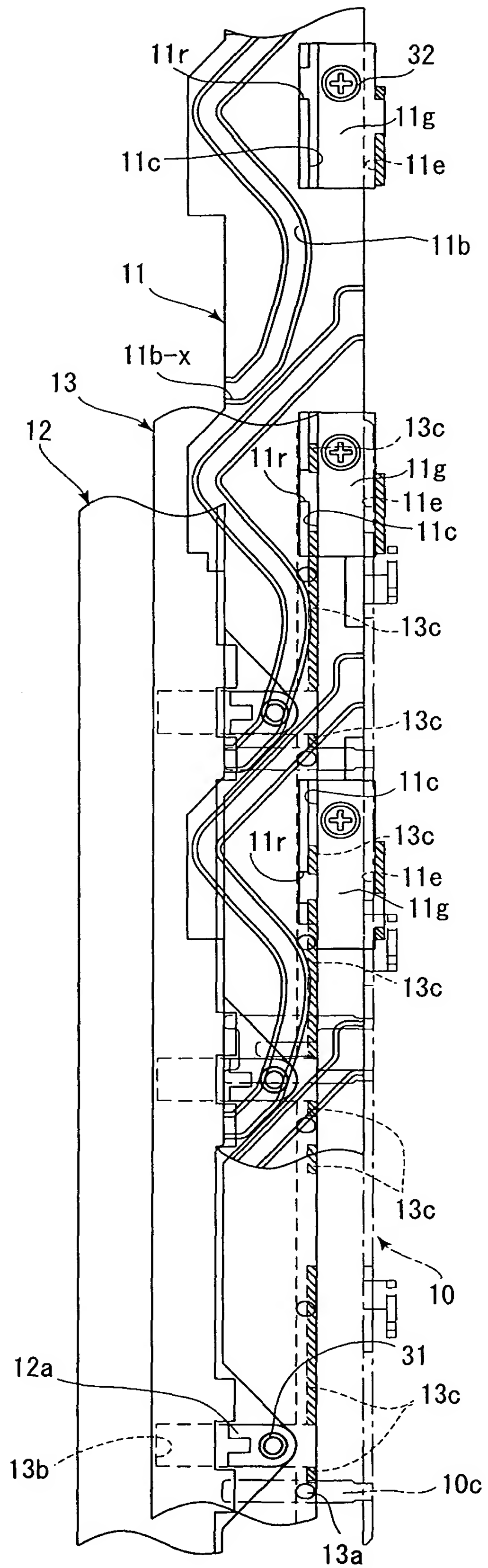


Fig. 55

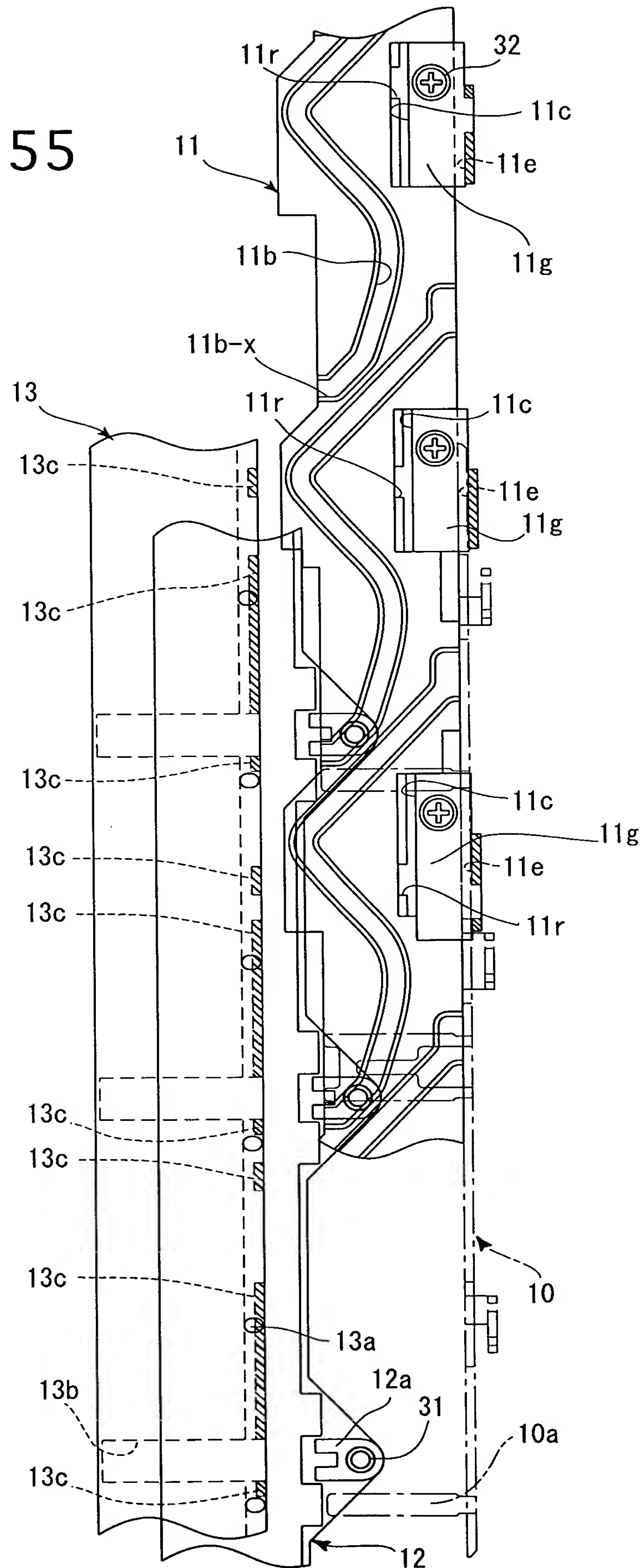


Fig. 56

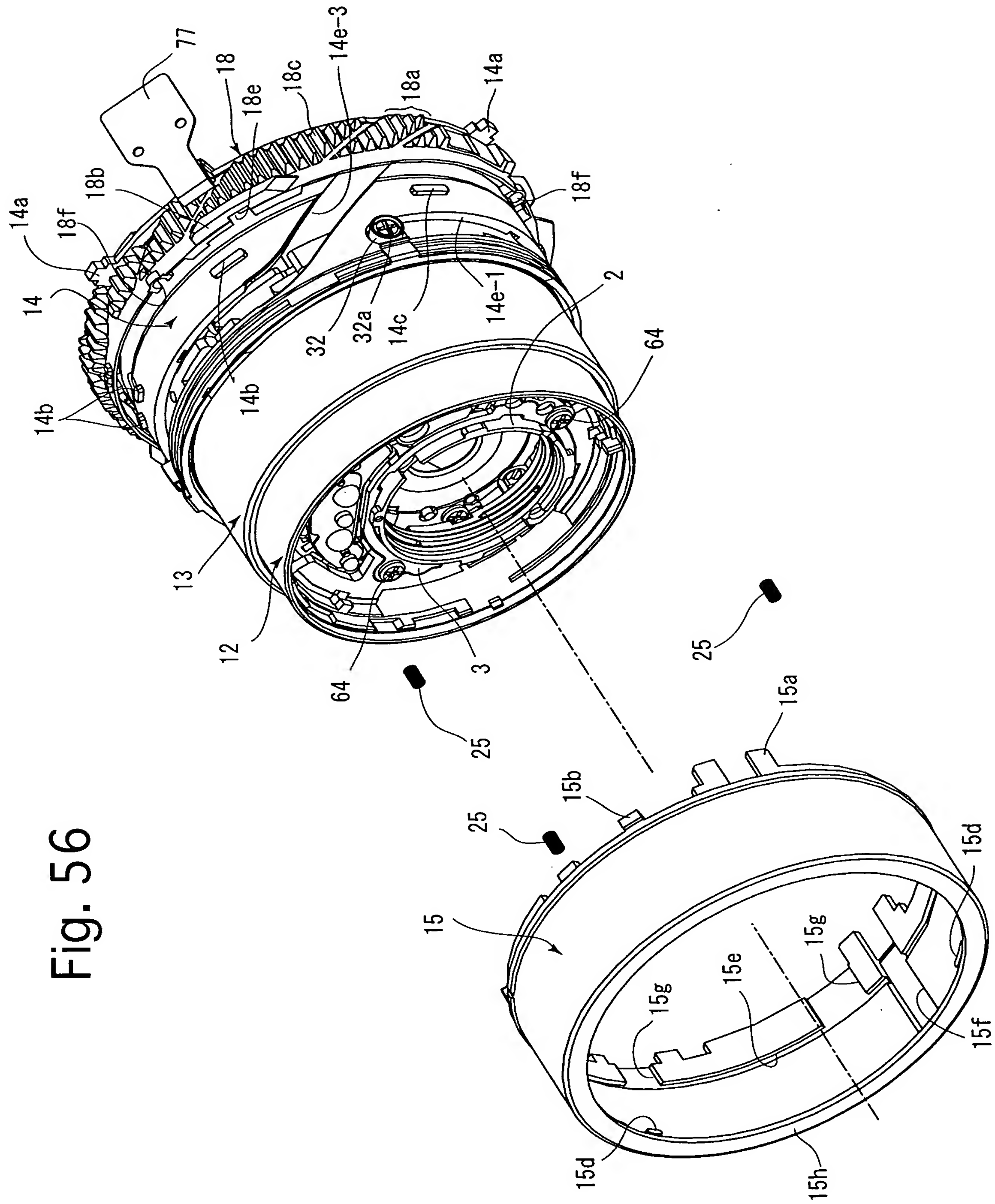


Fig. 57

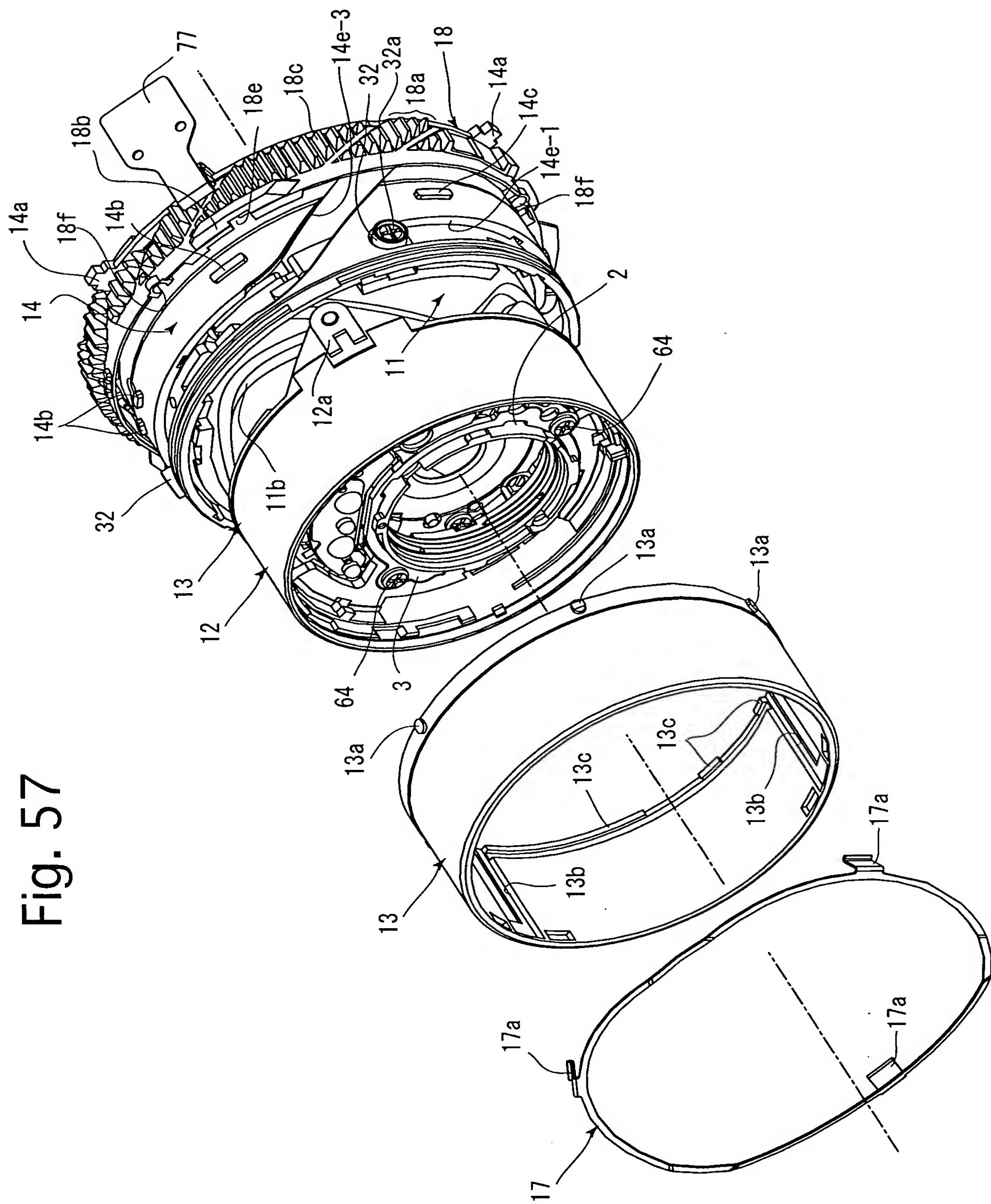


Fig. 58

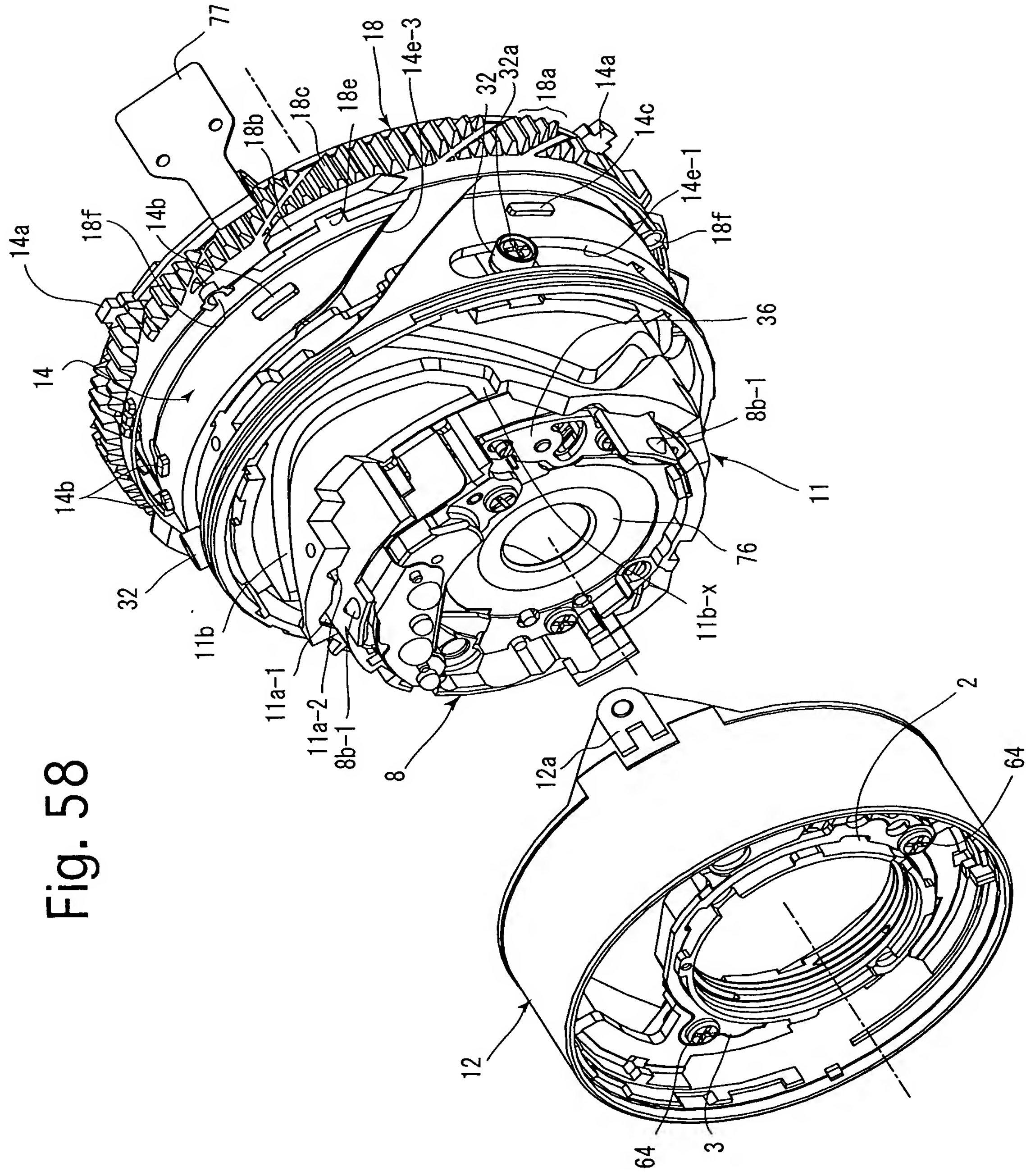


Fig. 59

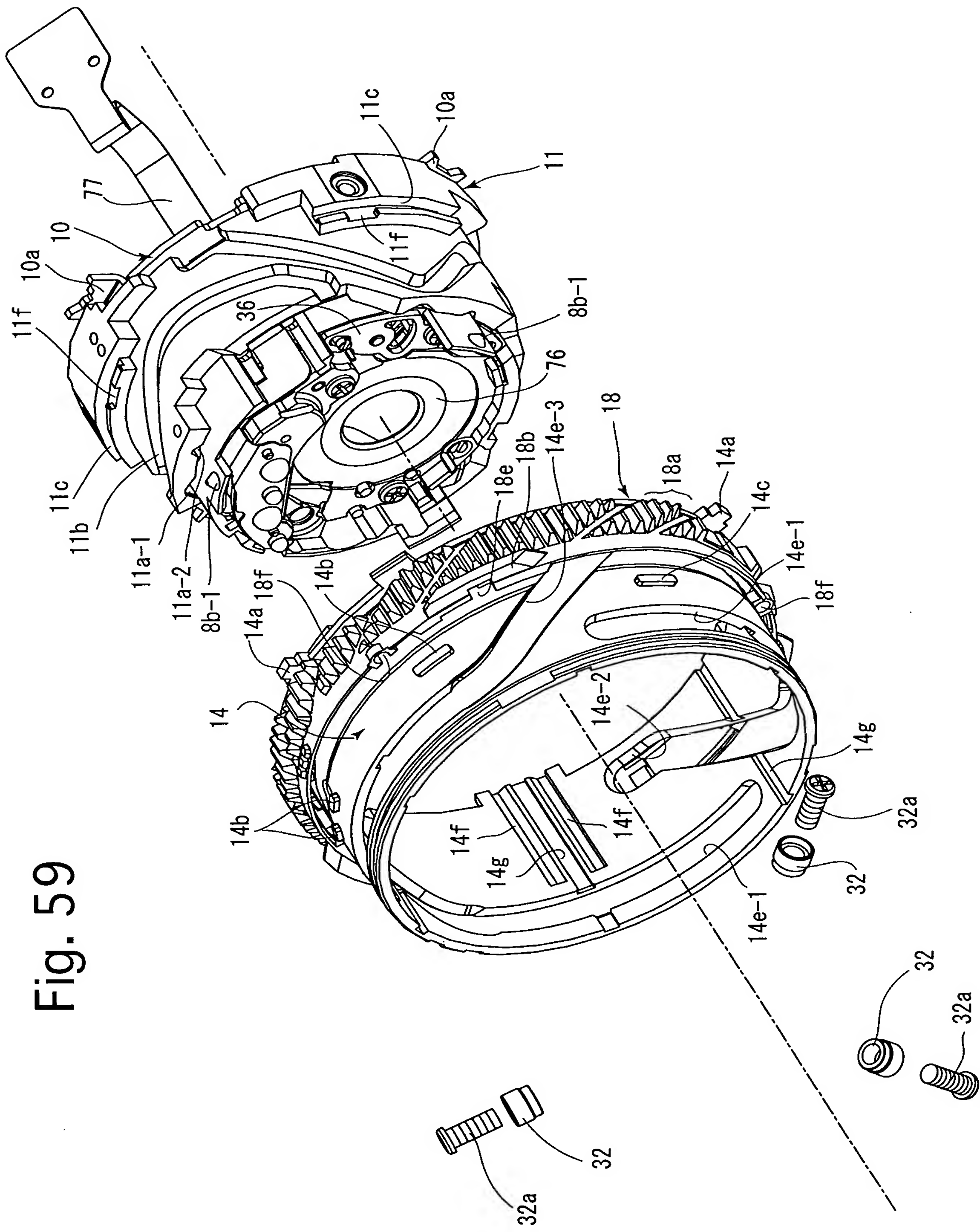


Fig. 60

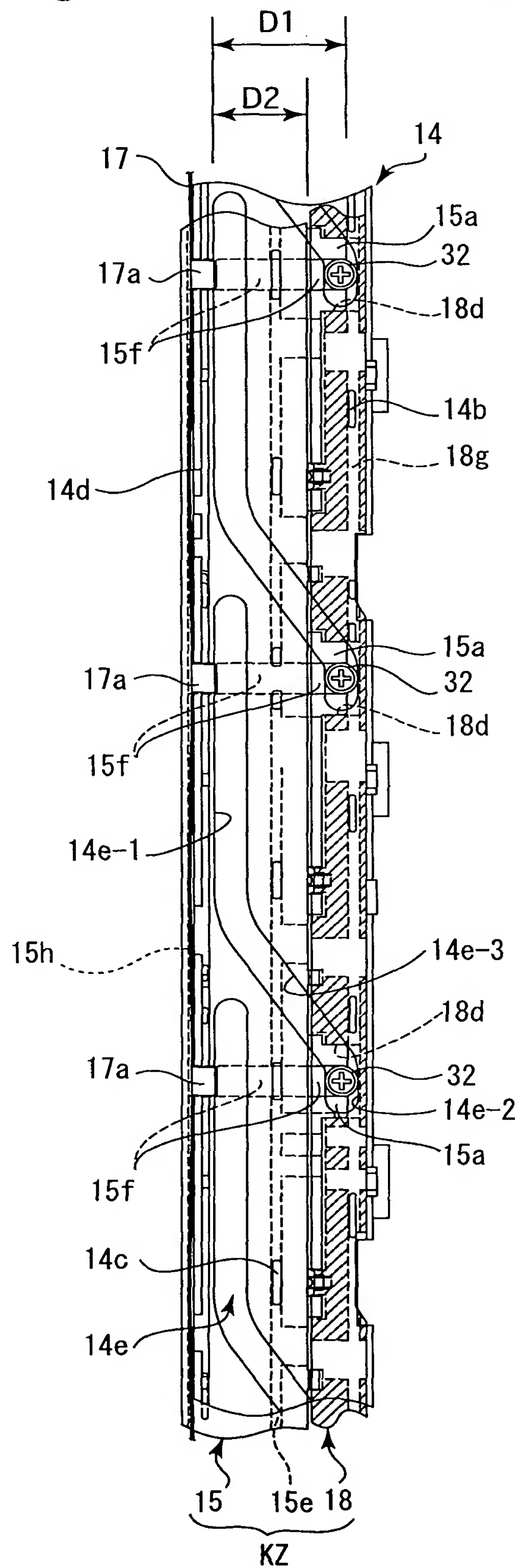
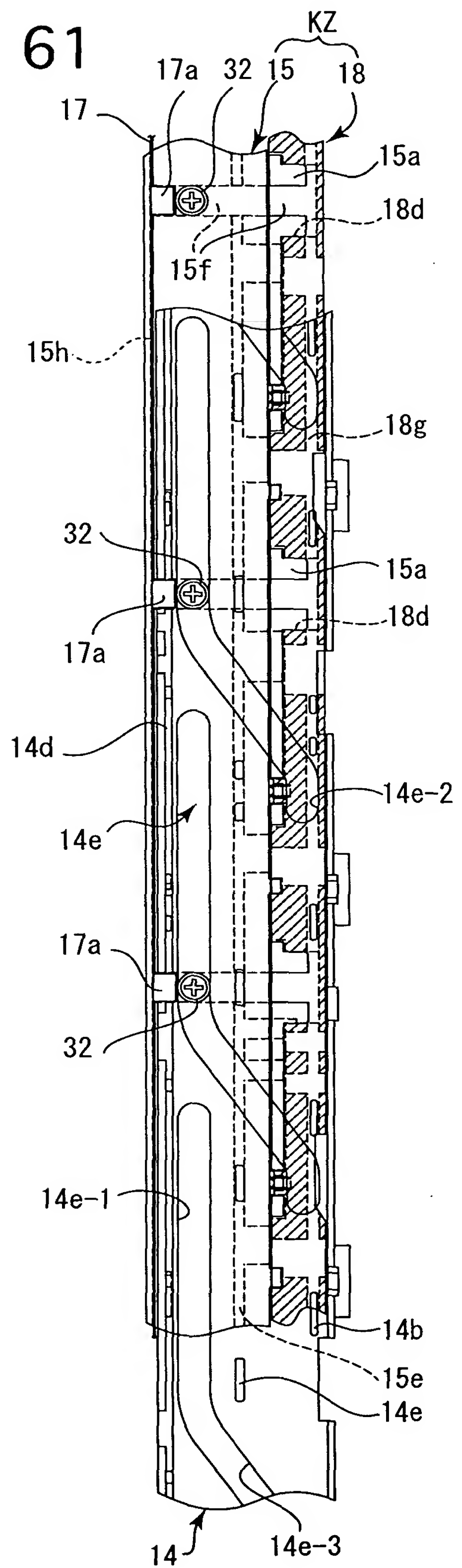


Fig. 61



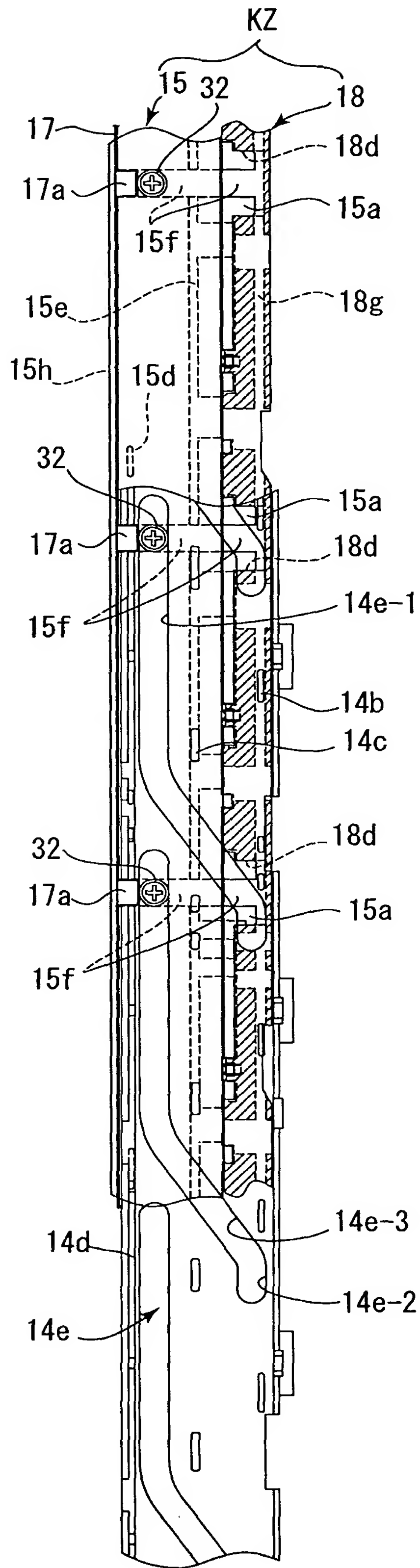


Fig. 62

Fig. 63

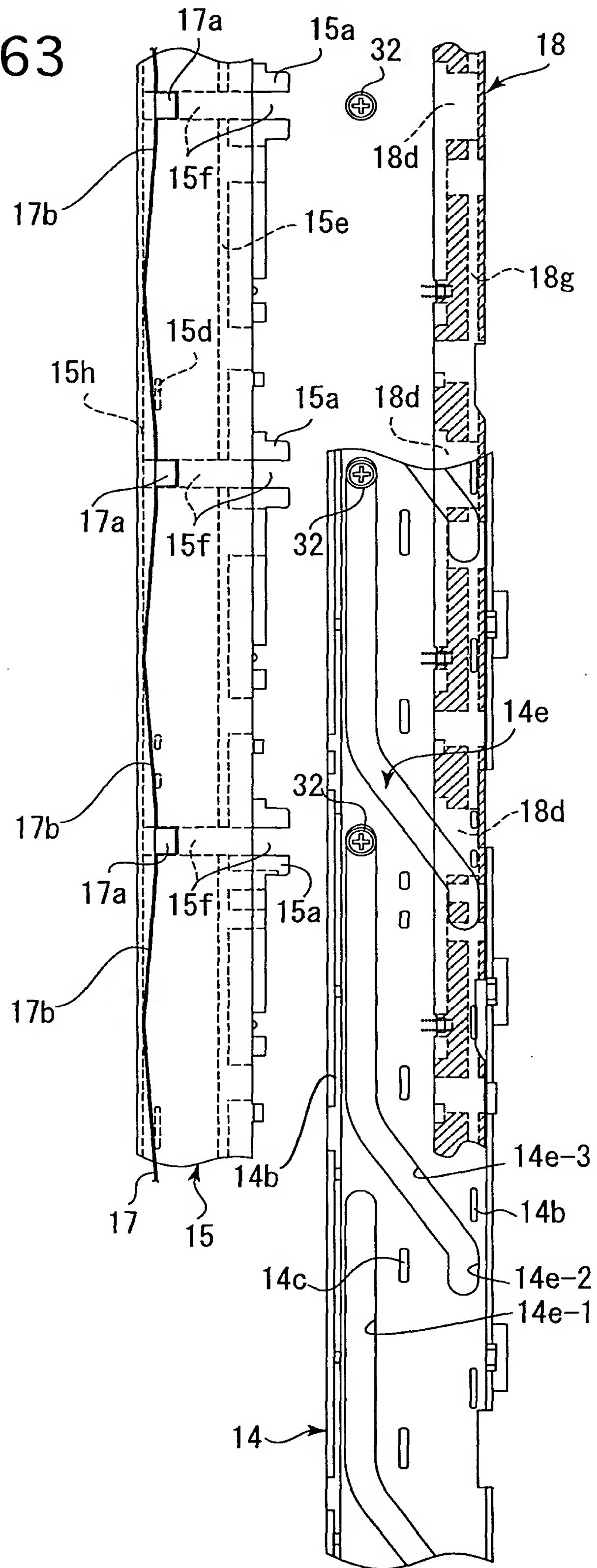


Fig. 64

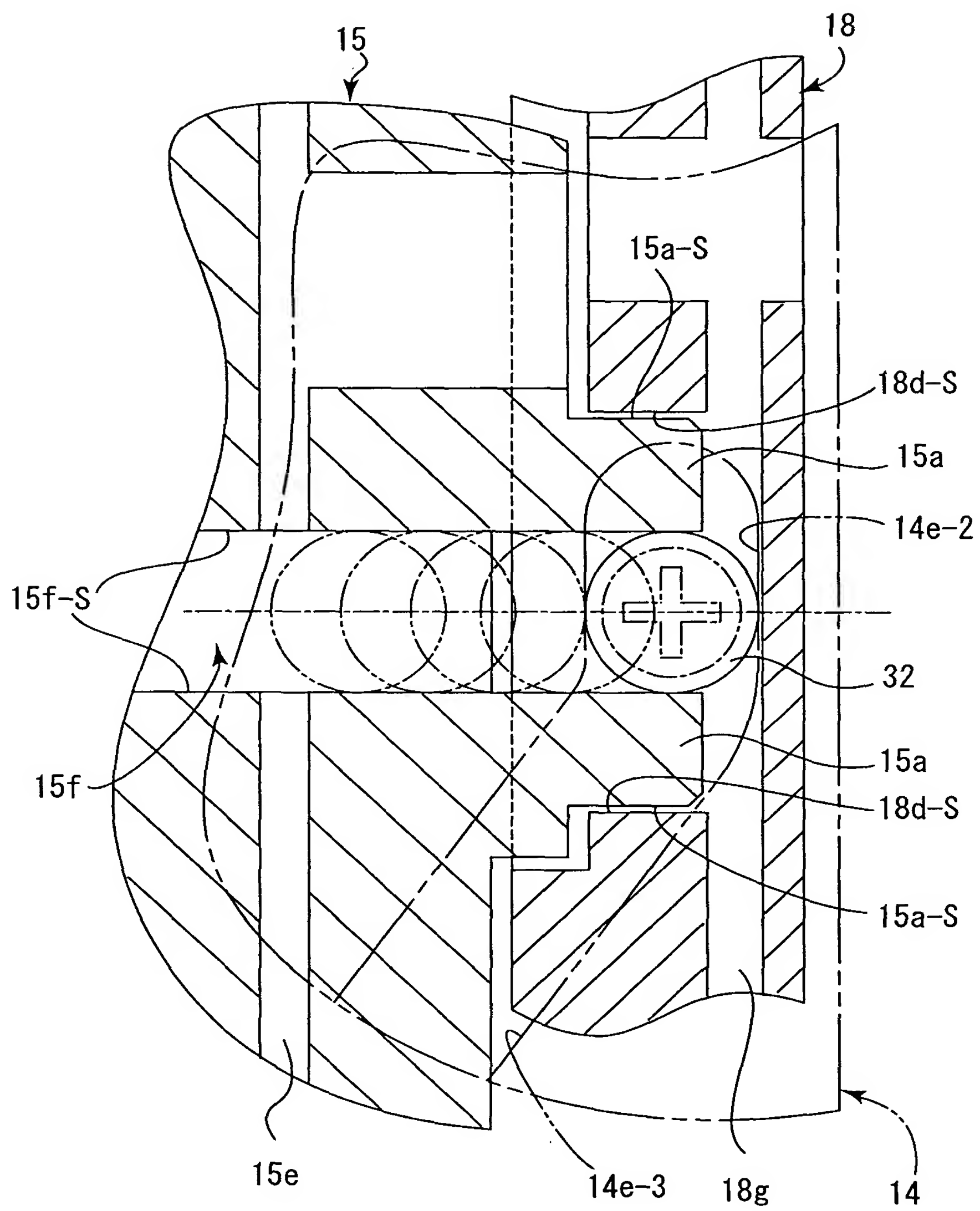


Fig. 65

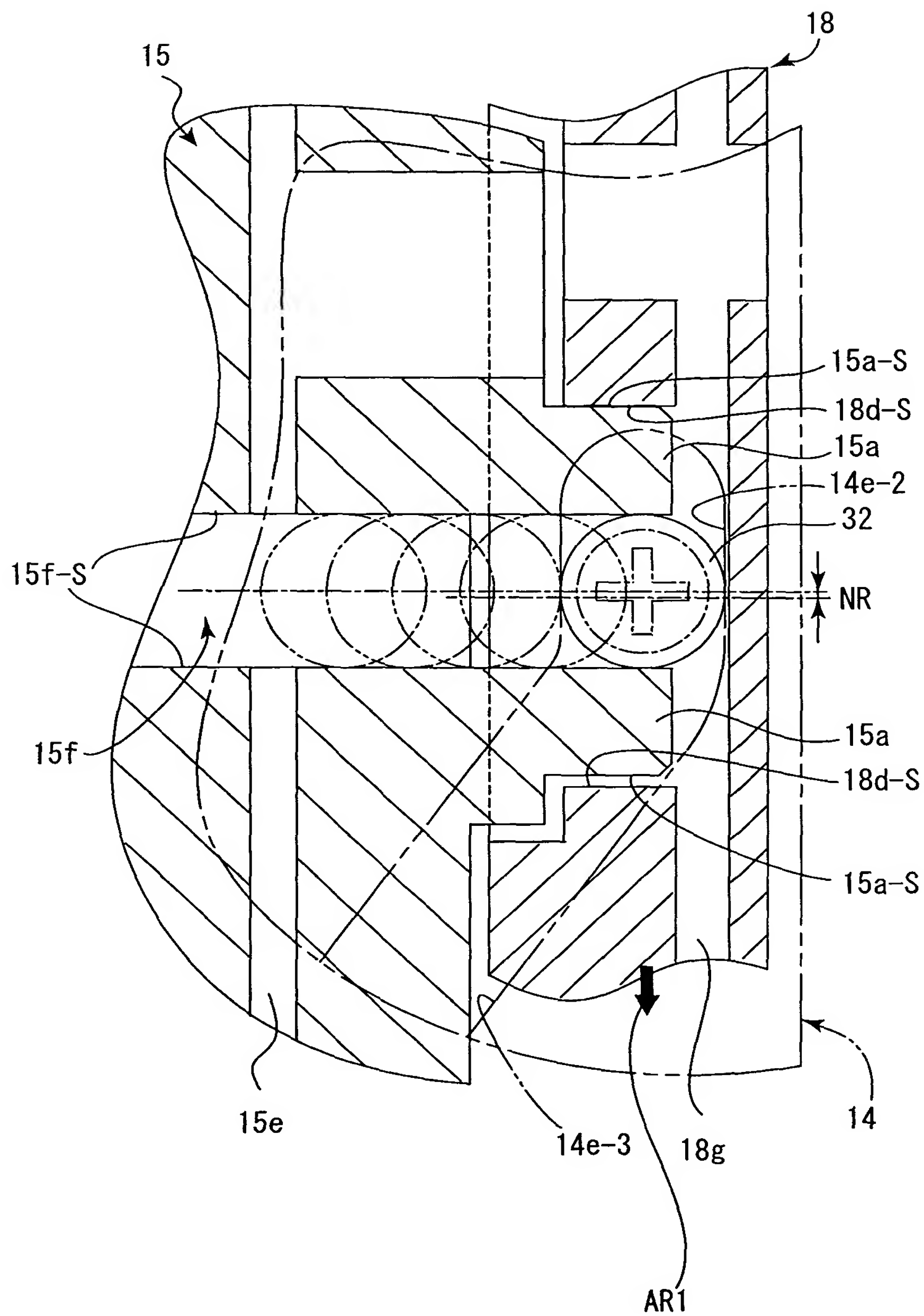


Fig. 66

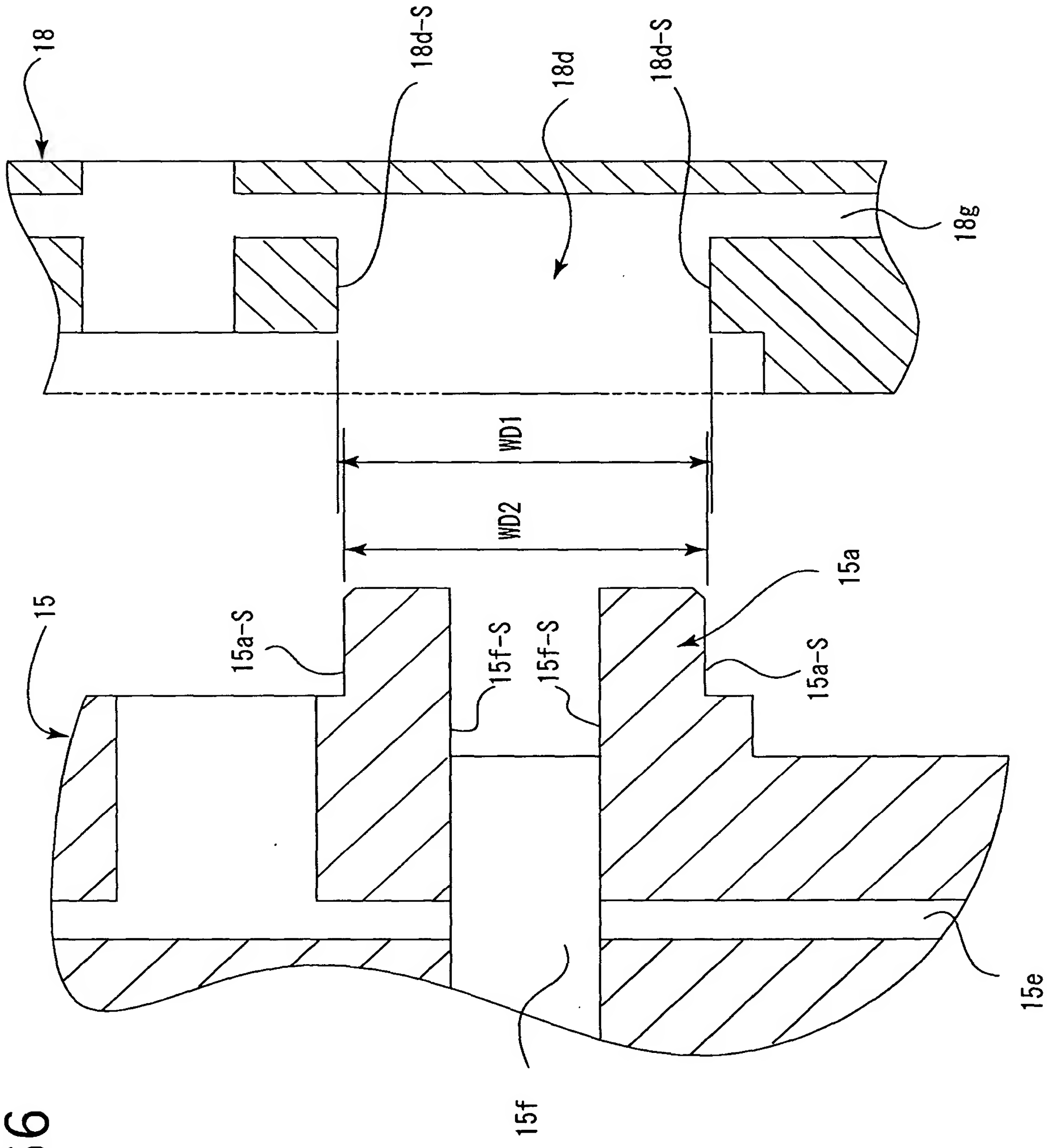


Fig. 67

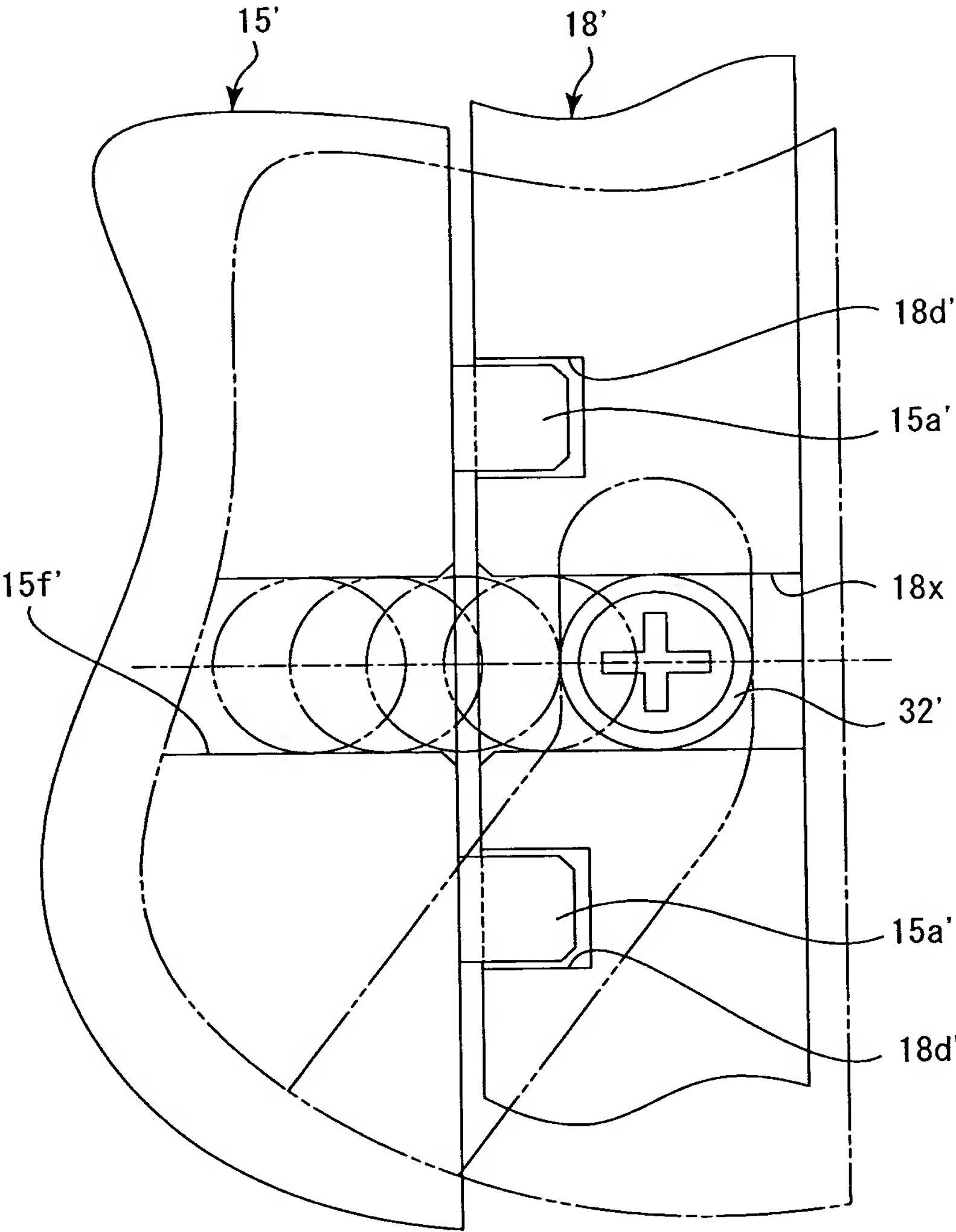


Fig. 68

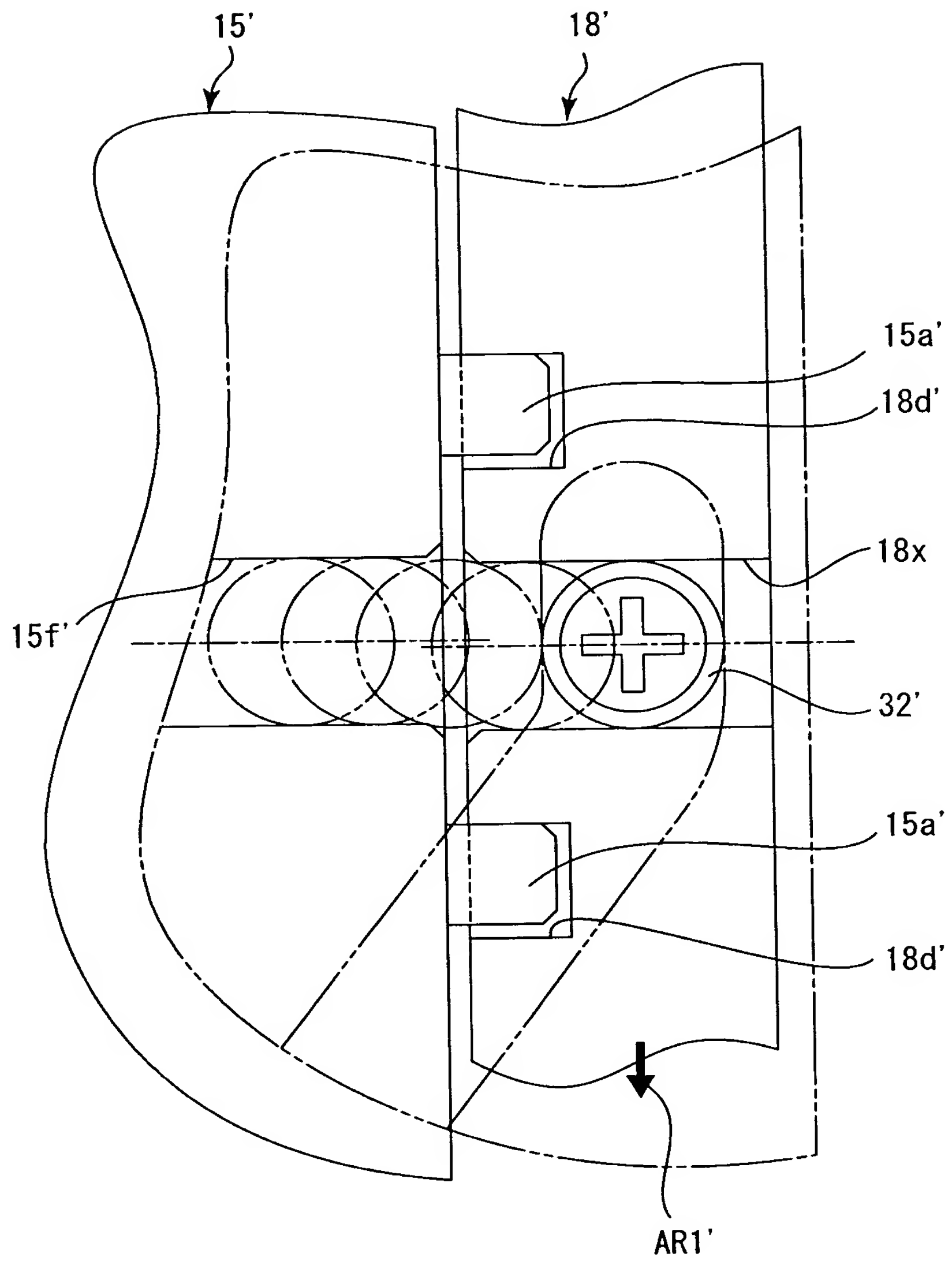


Fig. 69

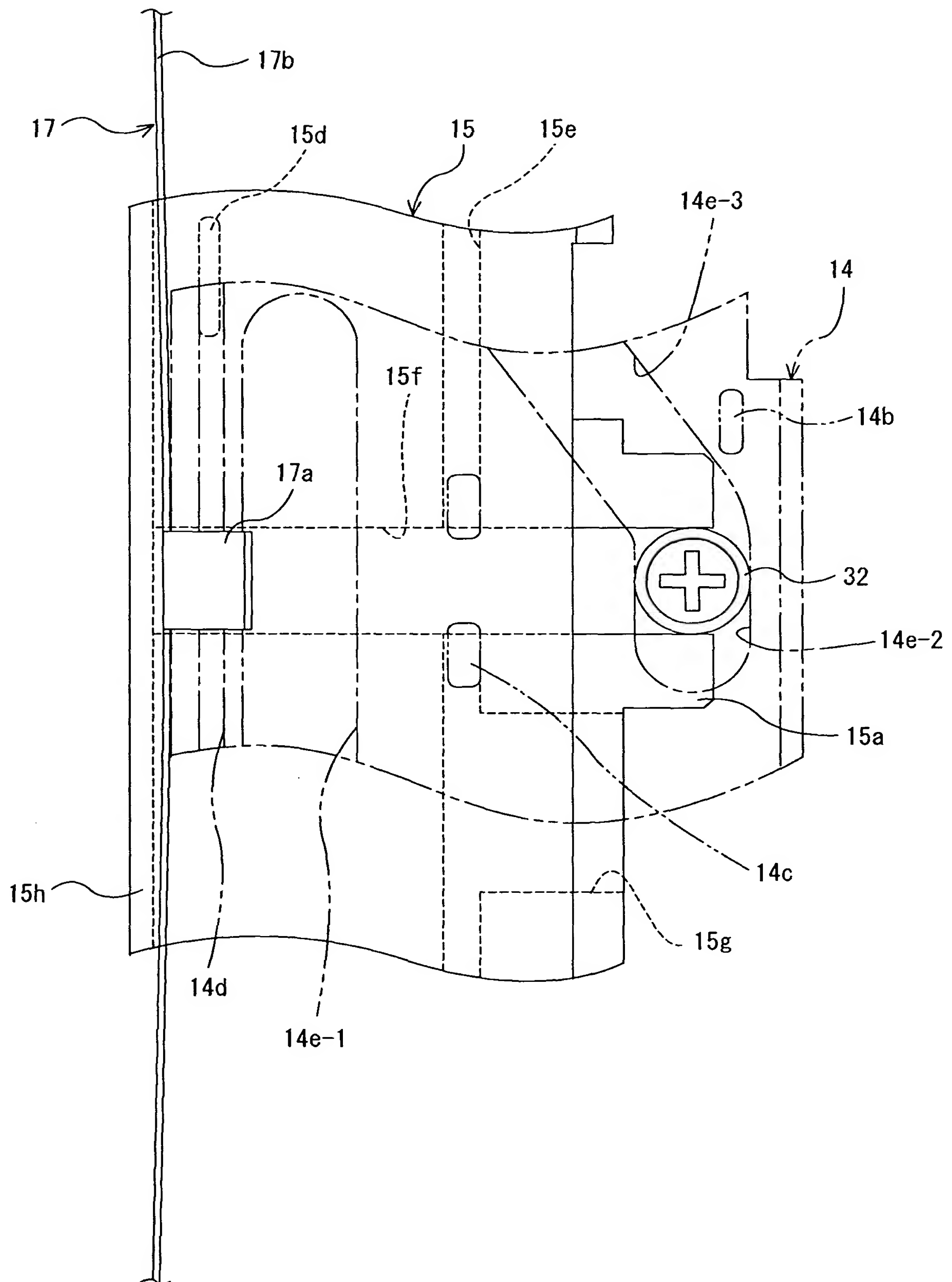


Fig. 70

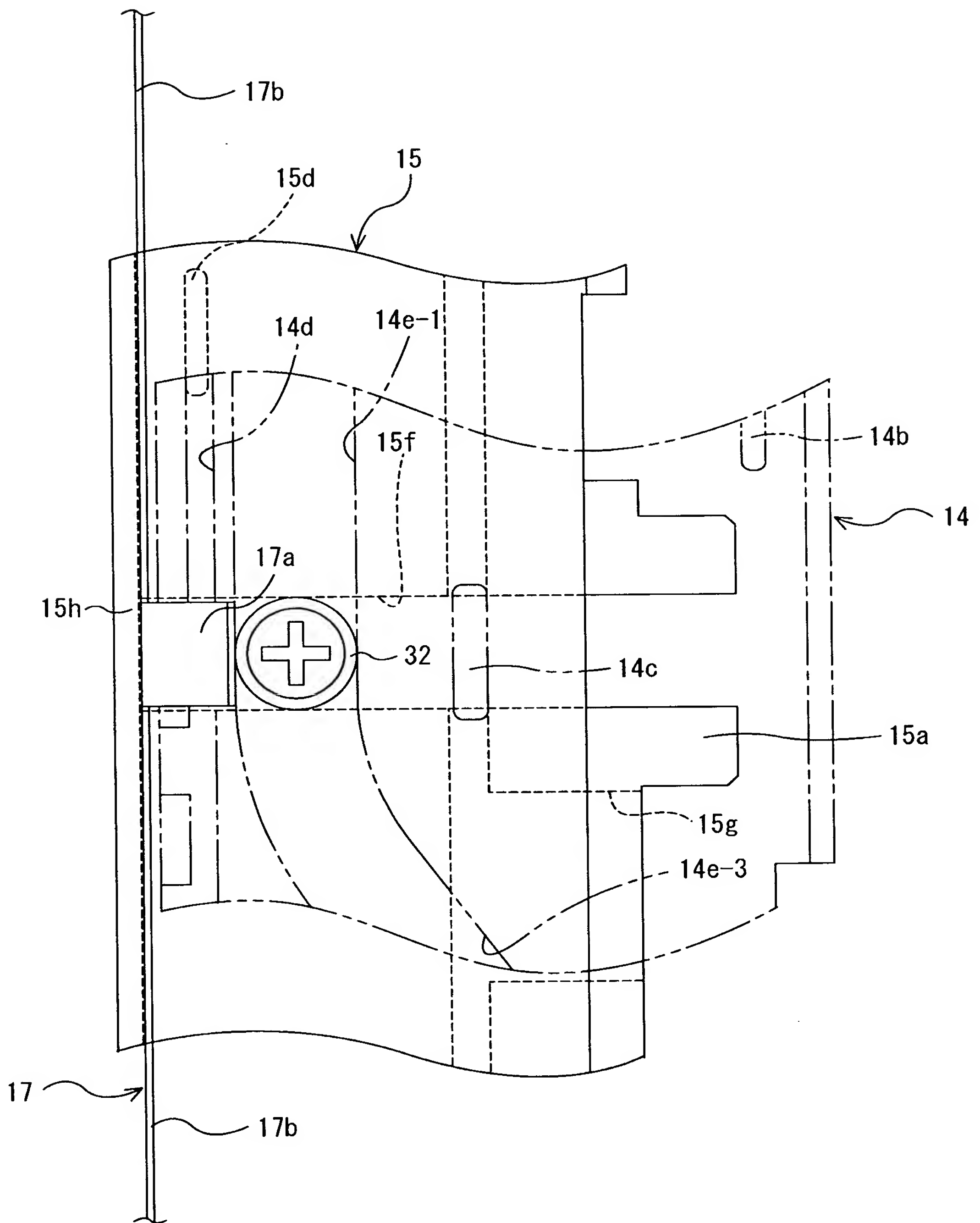


Fig. 71

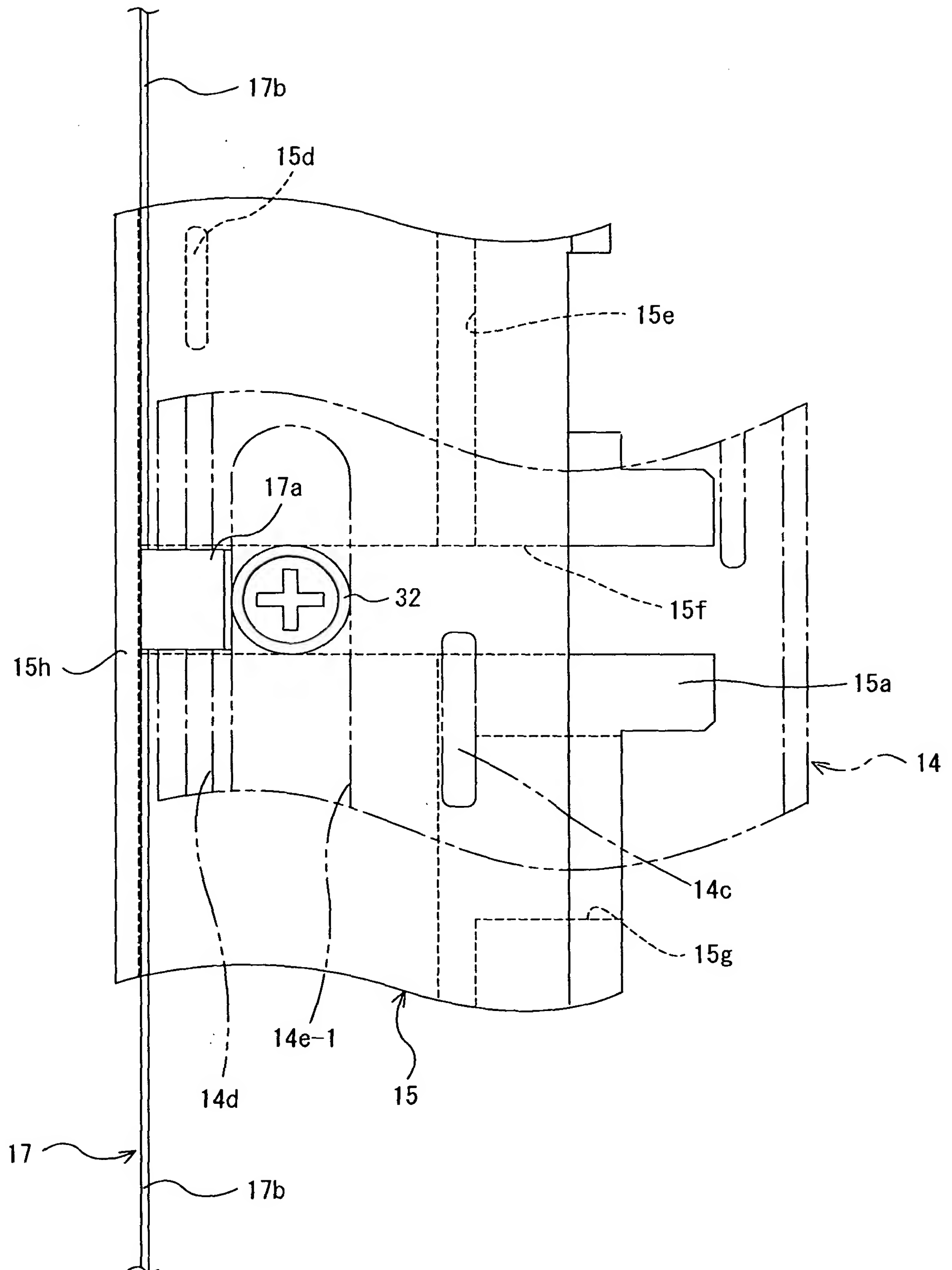


Fig. 72

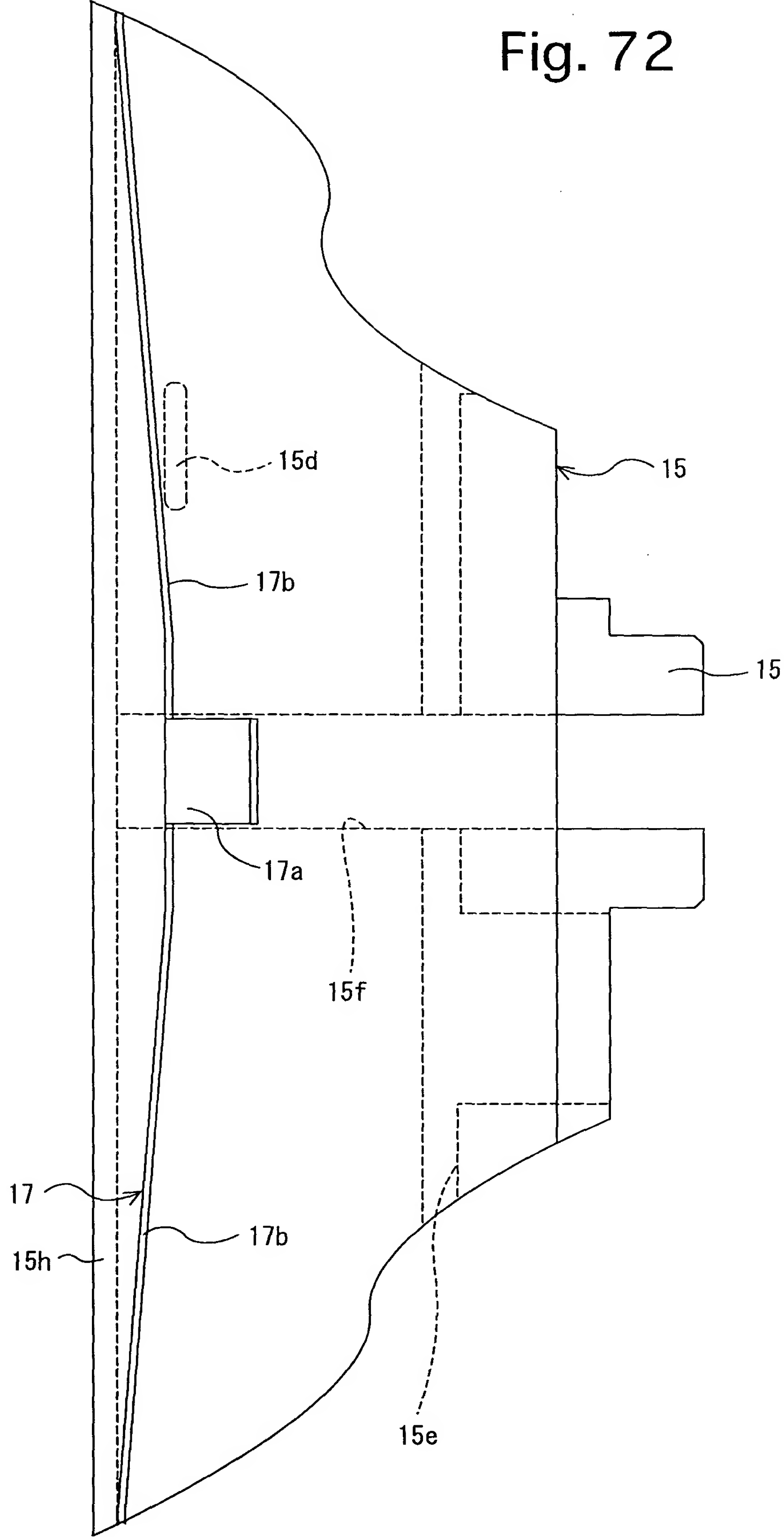


Fig. 73

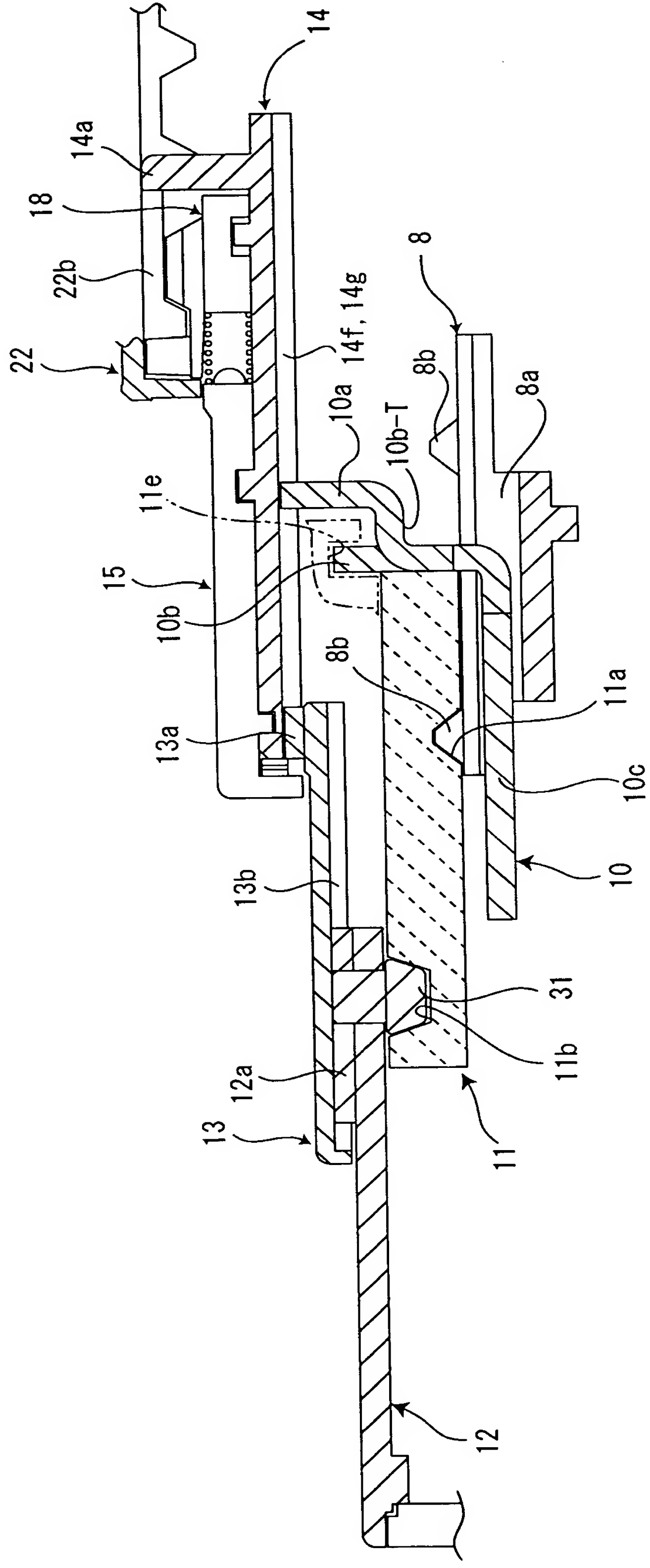


Fig. 75

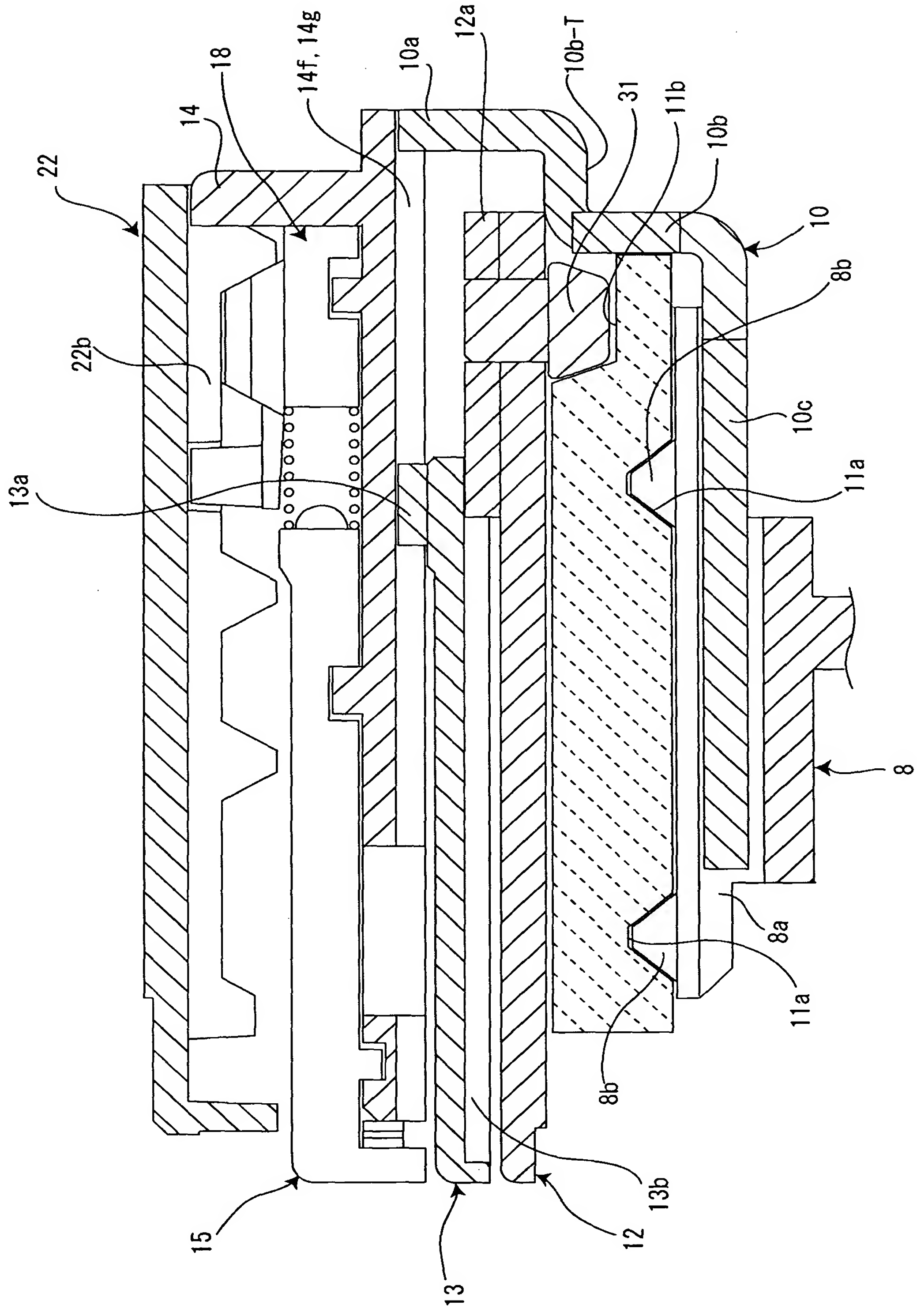


Fig. 76

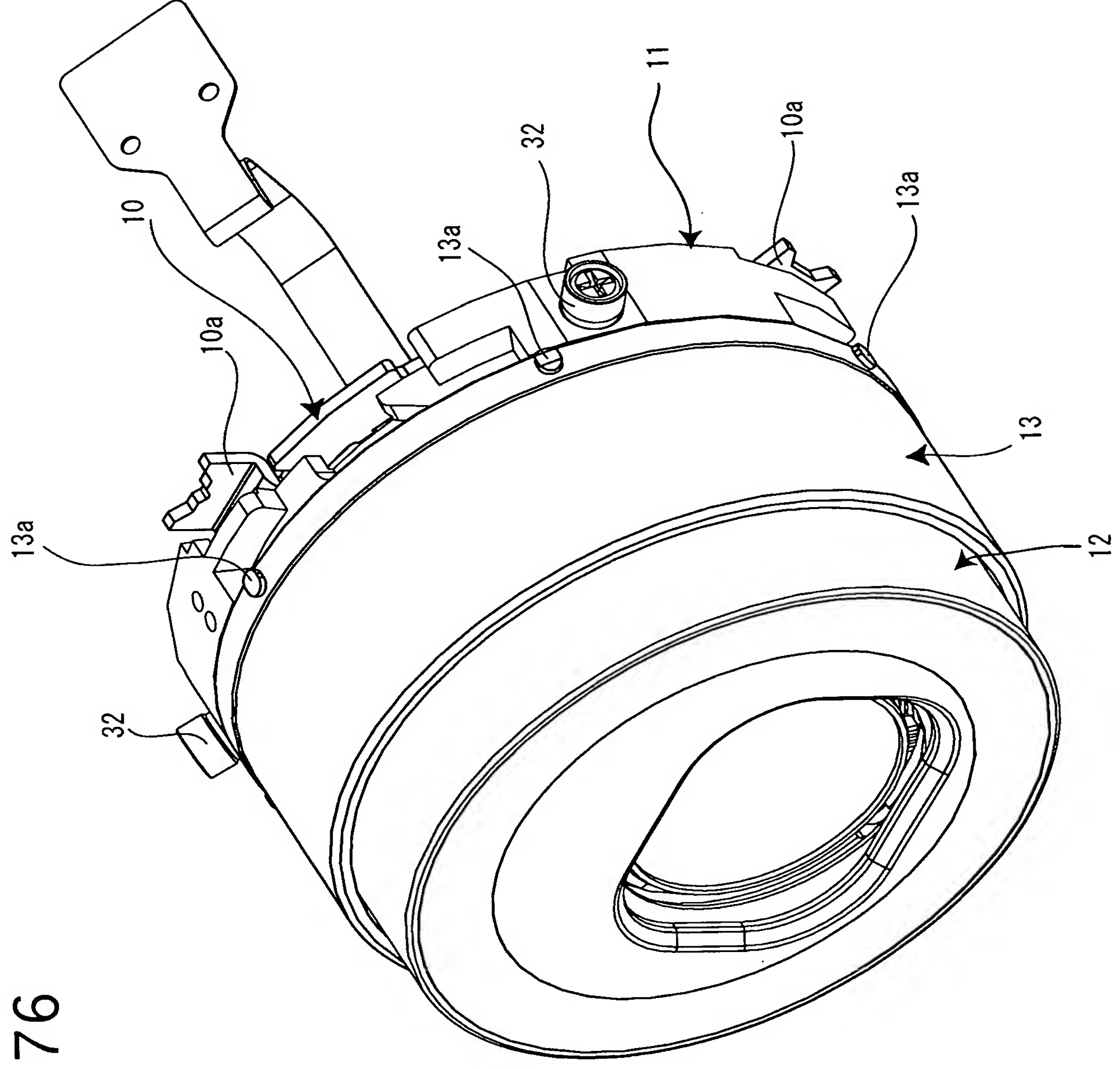


Fig. 77

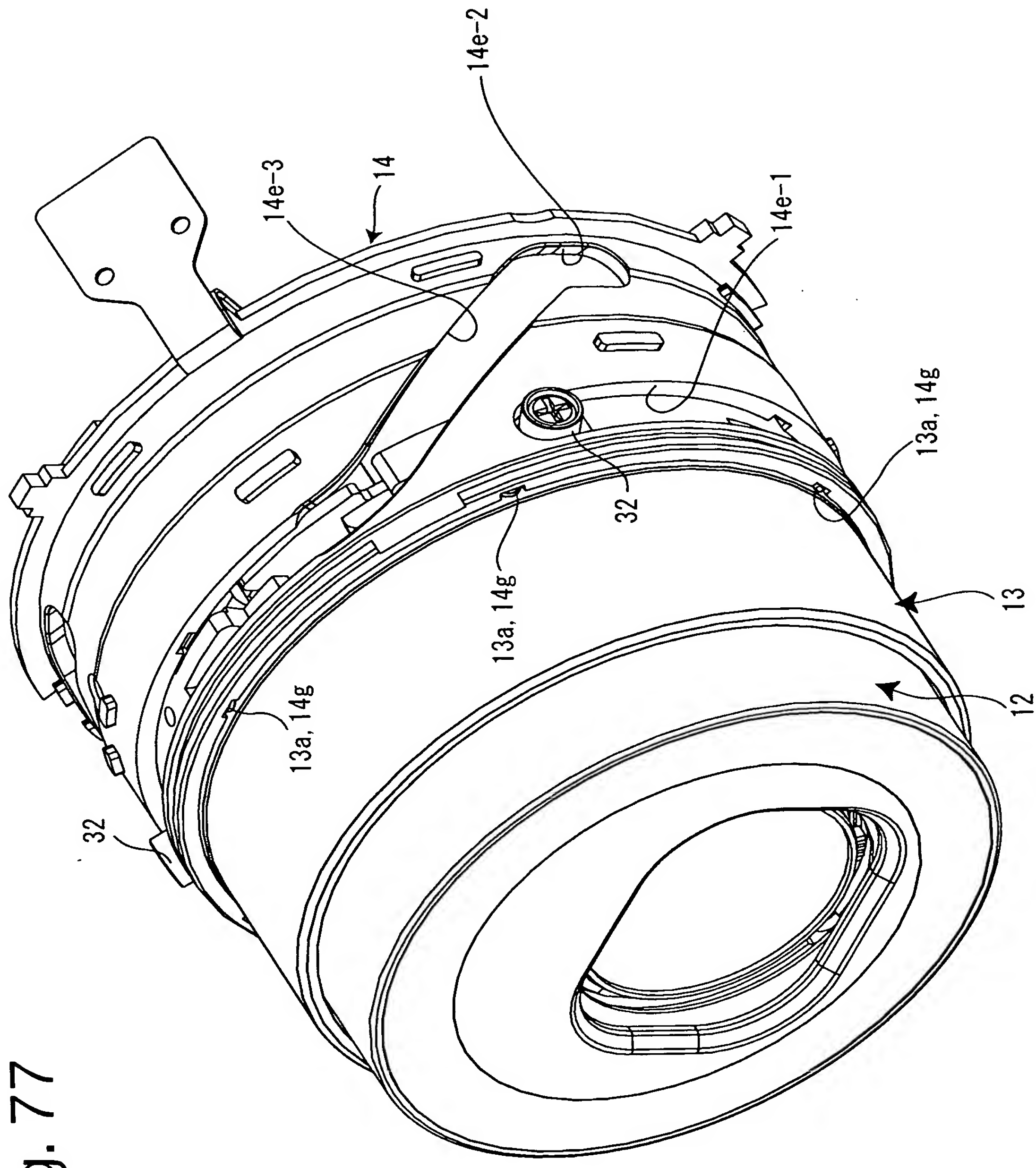


Fig. 78

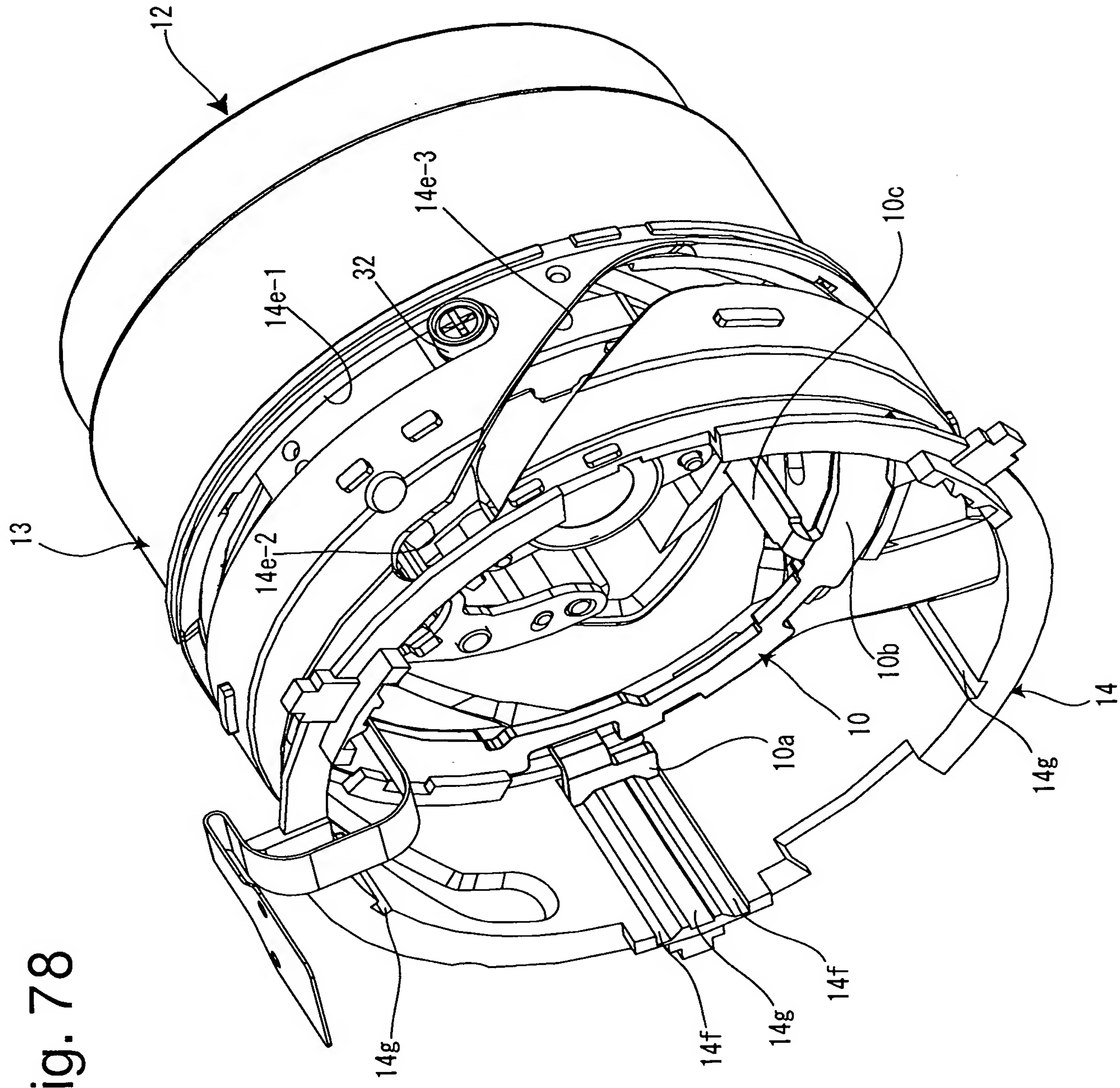


Fig . 79

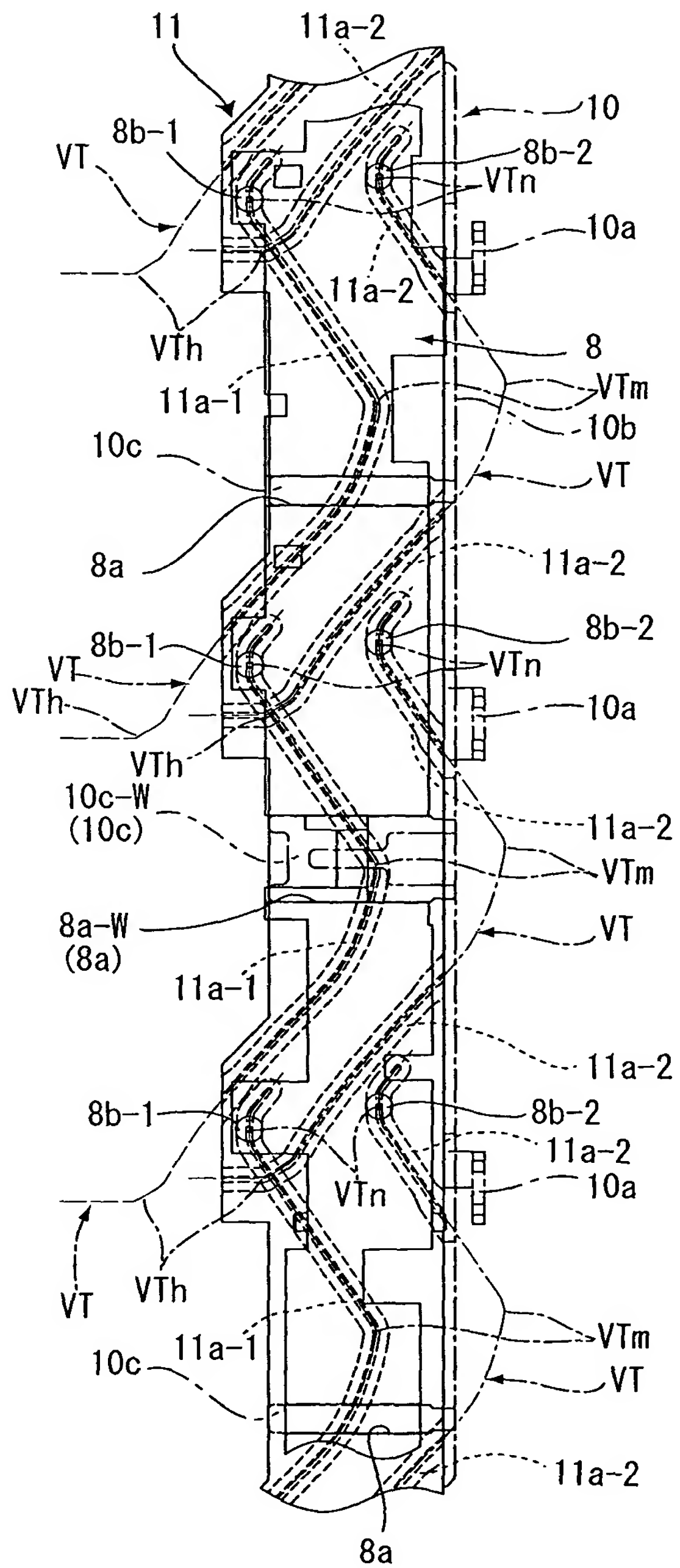


Fig . 80

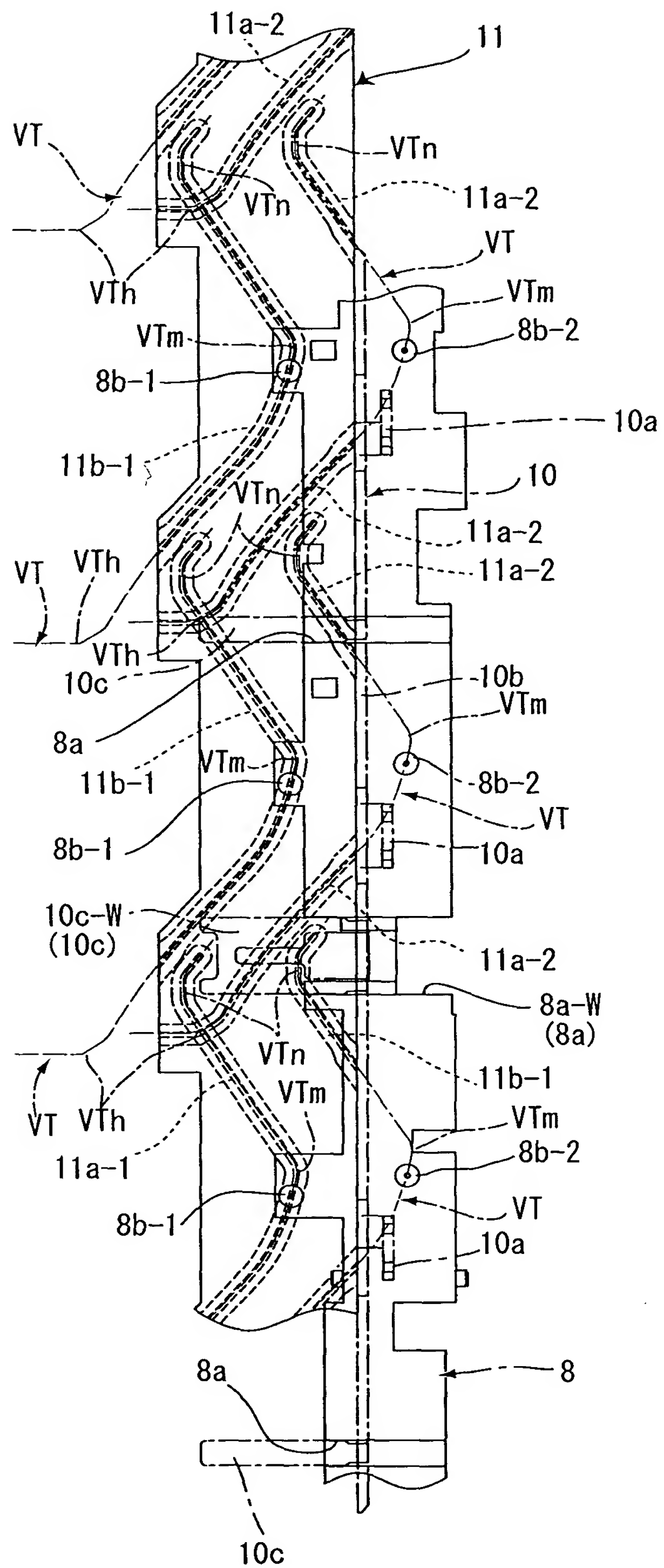


Fig . 81

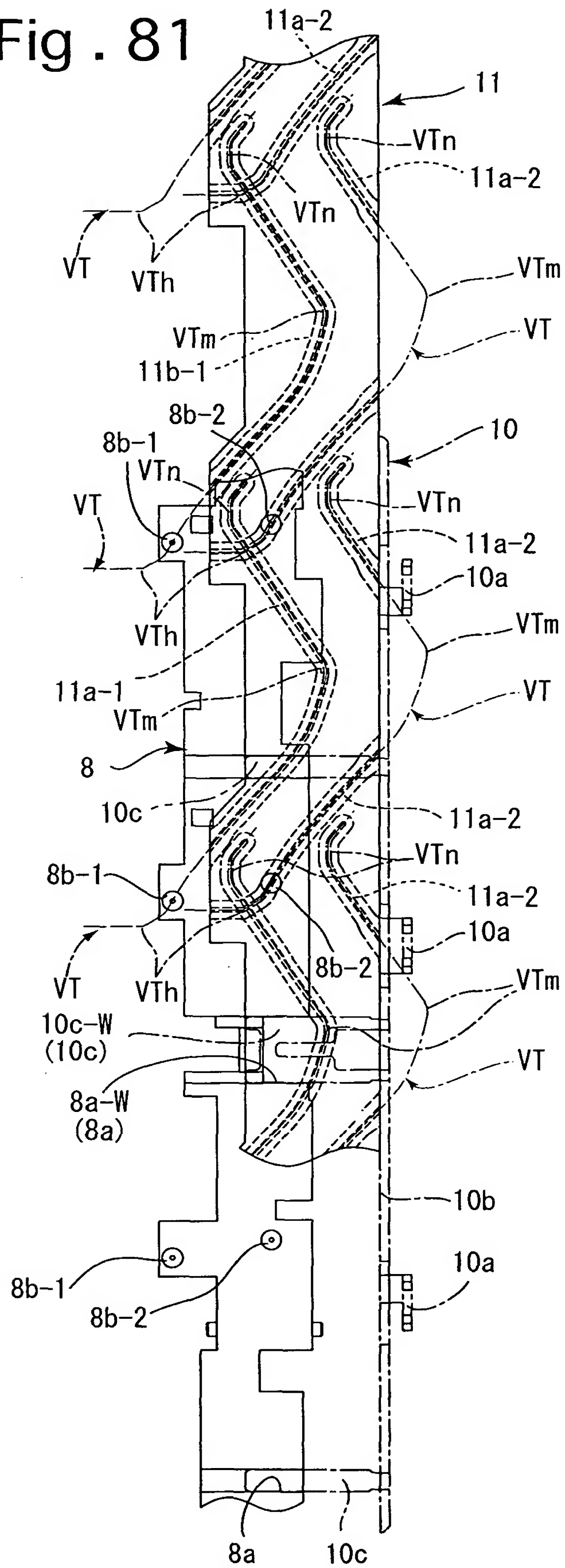


Fig . 82

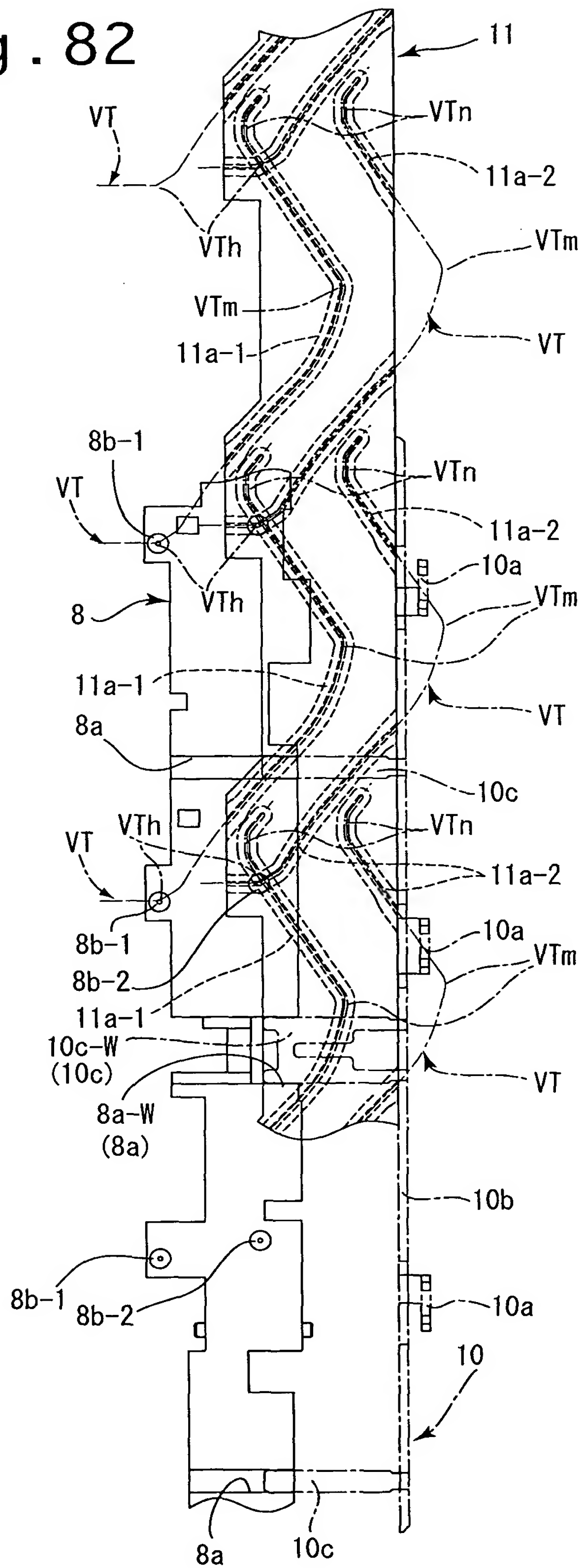
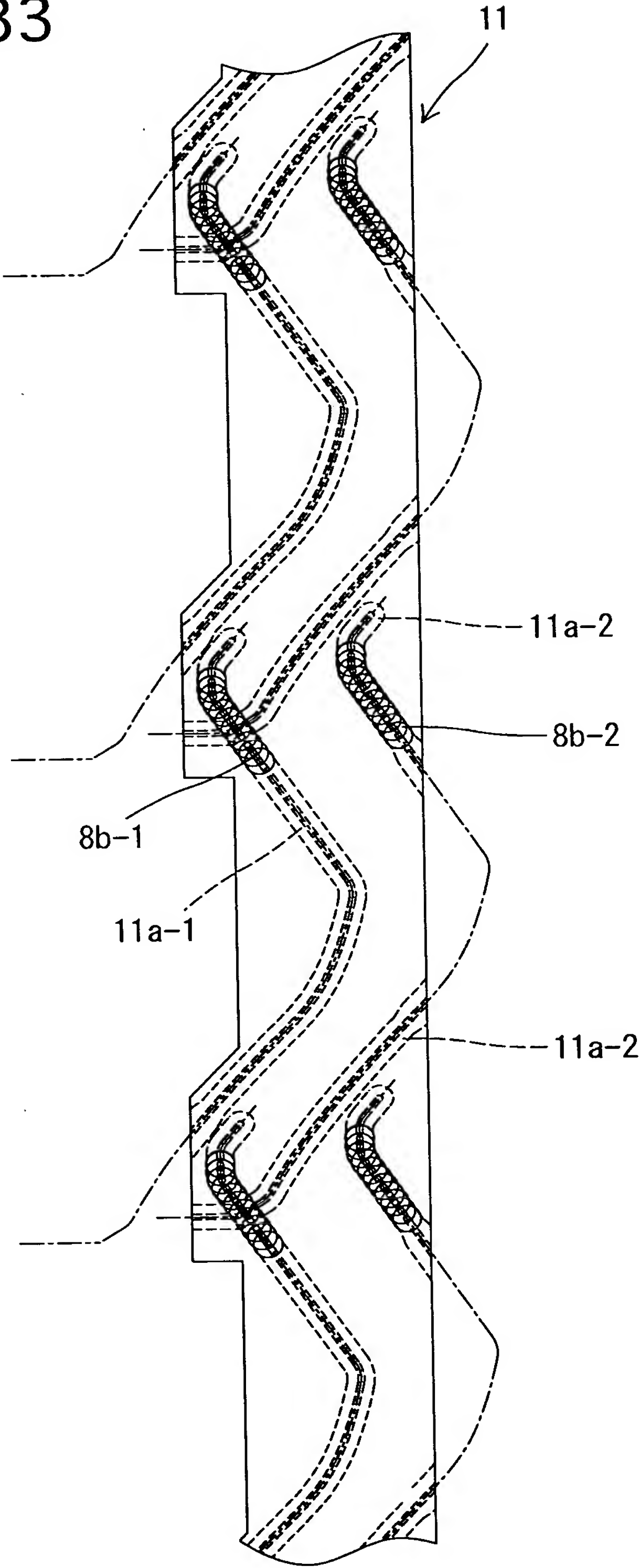


Fig. 83



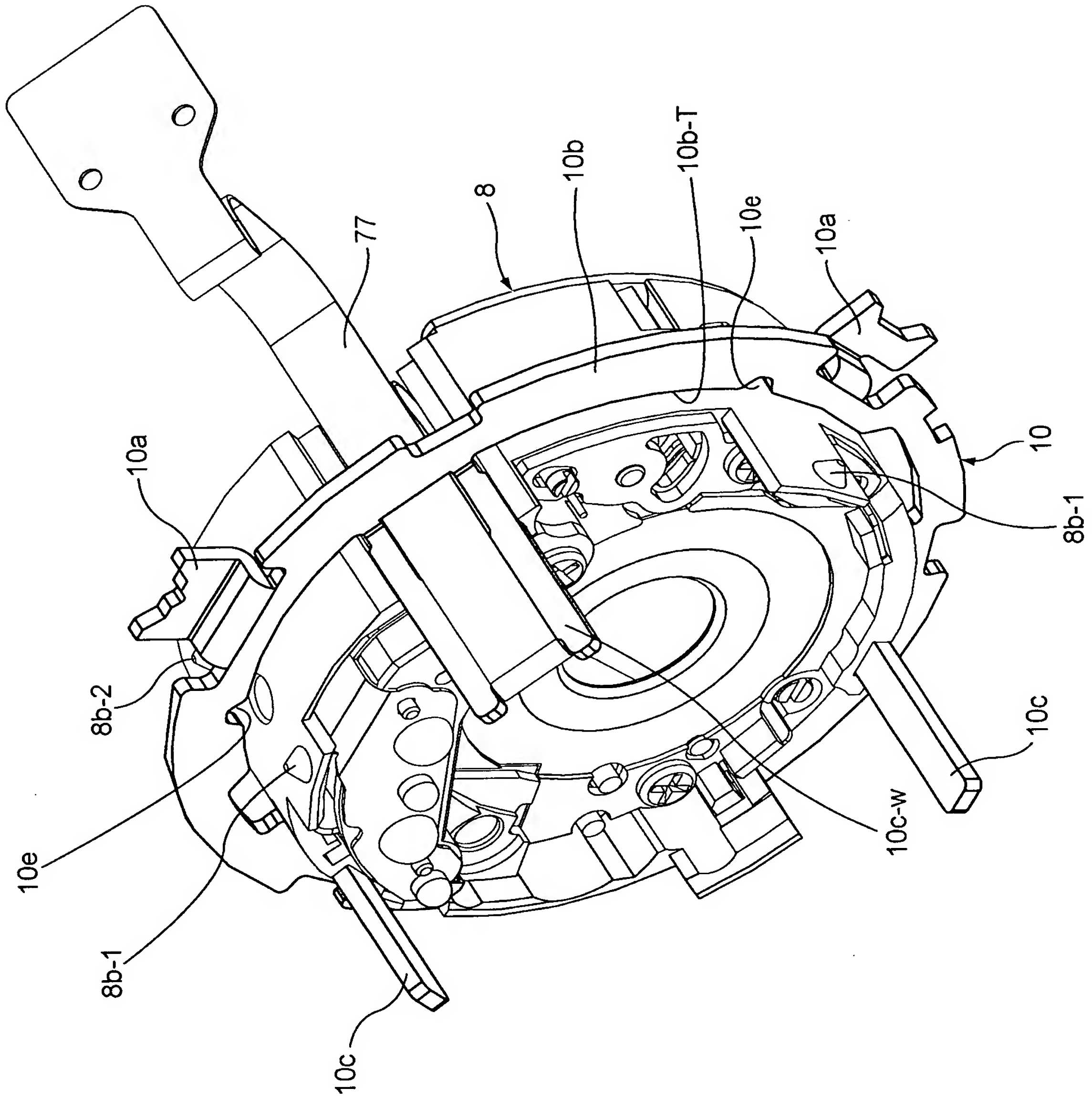


Fig. 84

Fig. 85

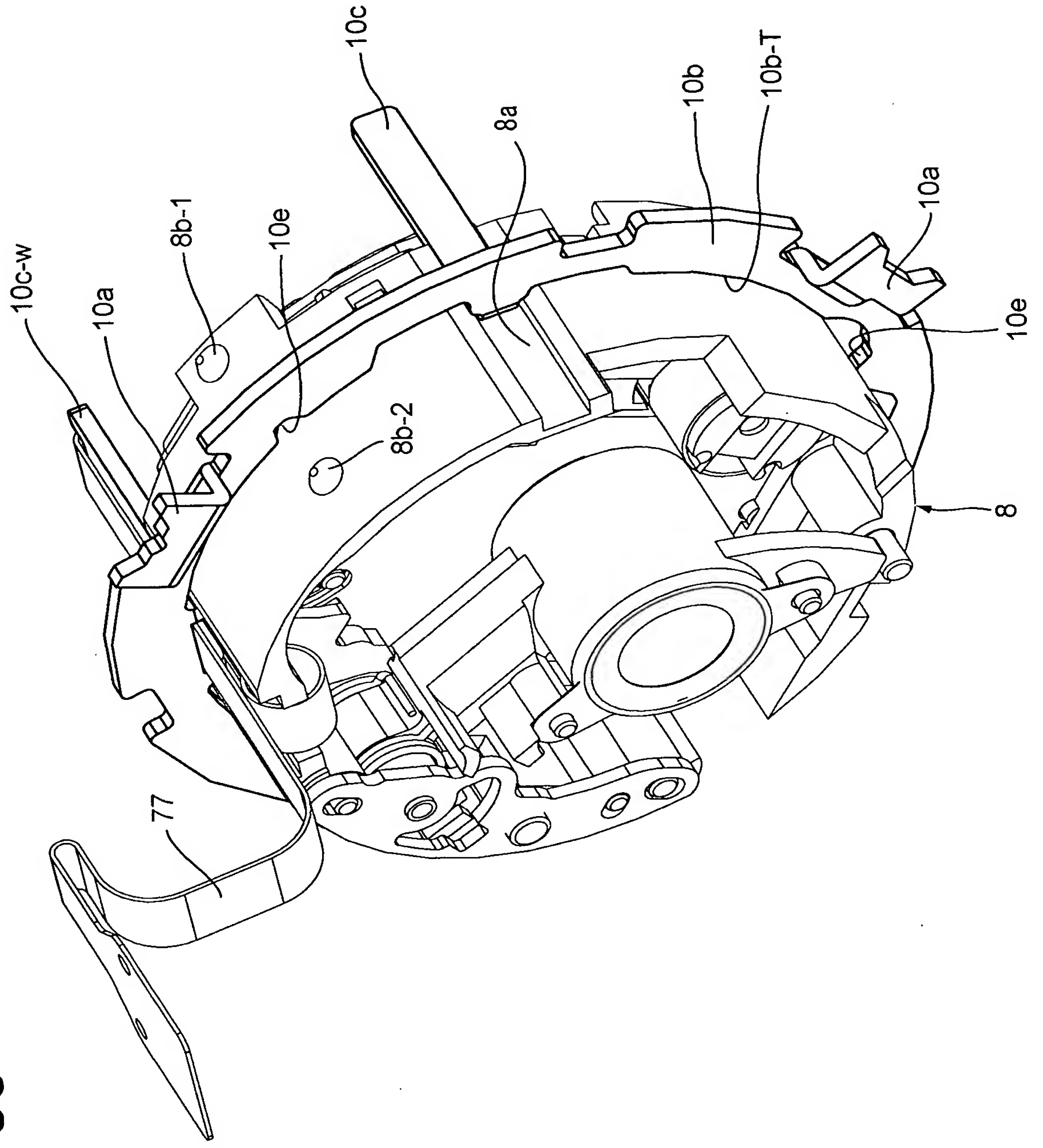


Fig. 86

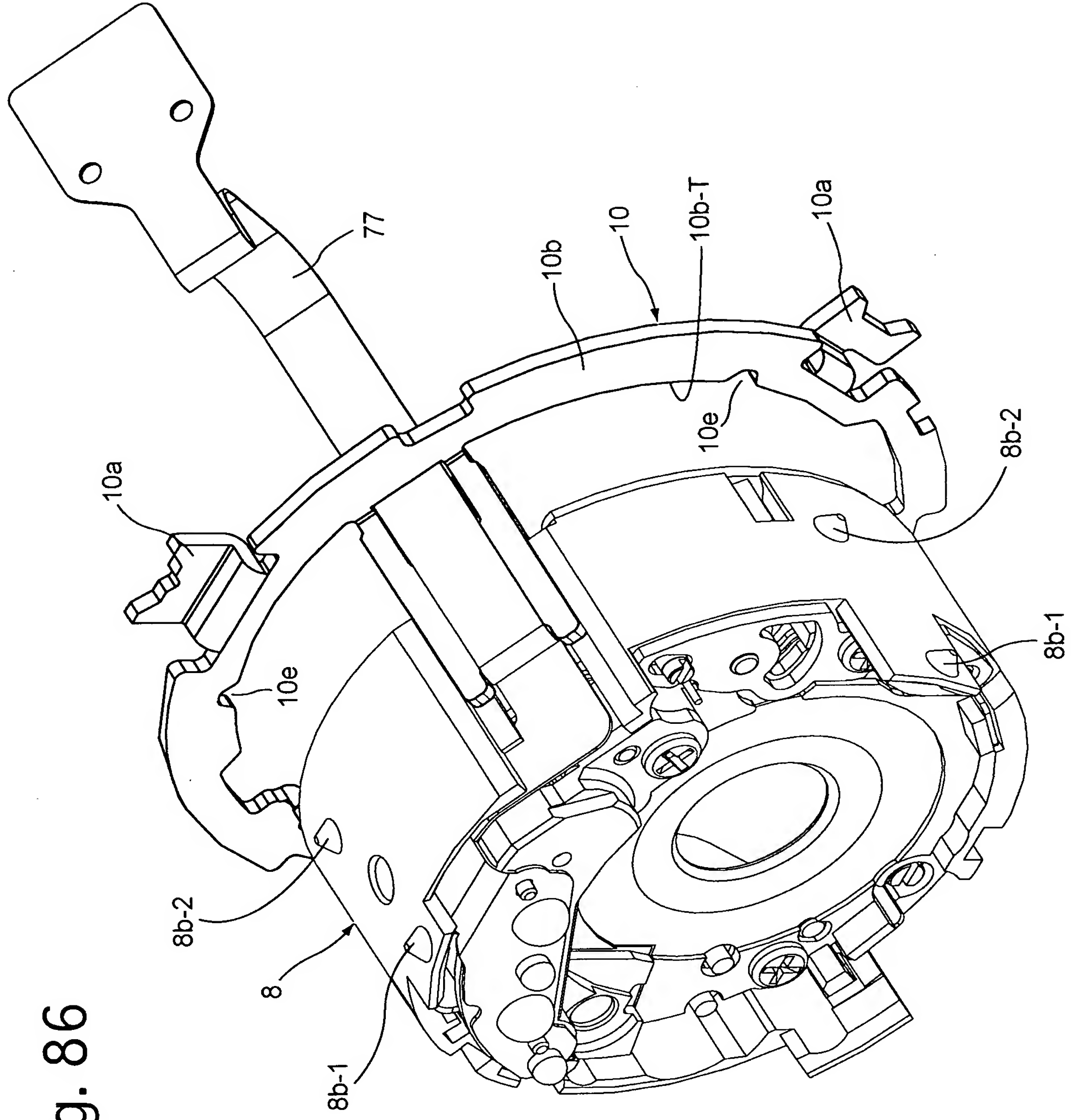


Fig. 87

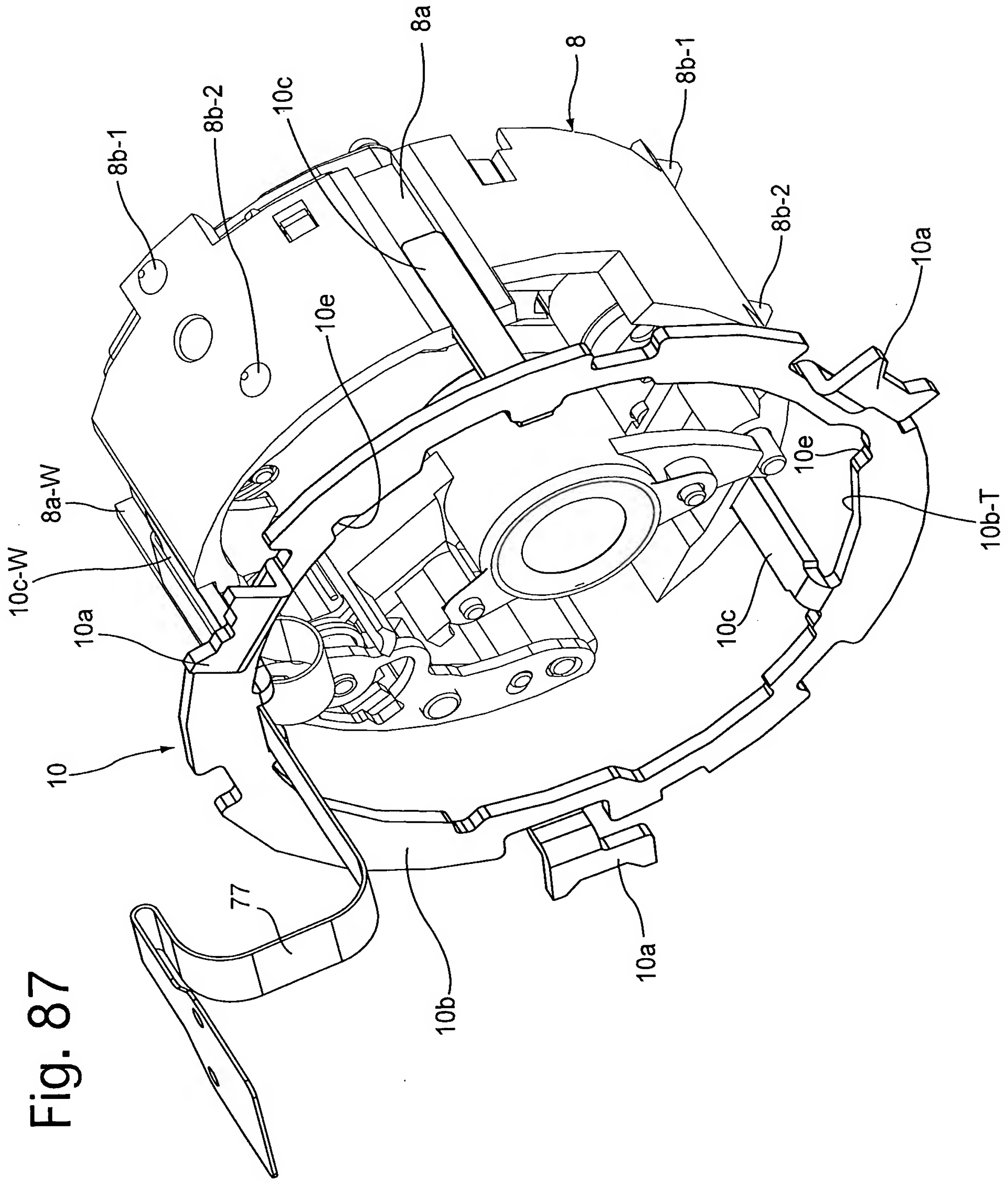


Fig. 88

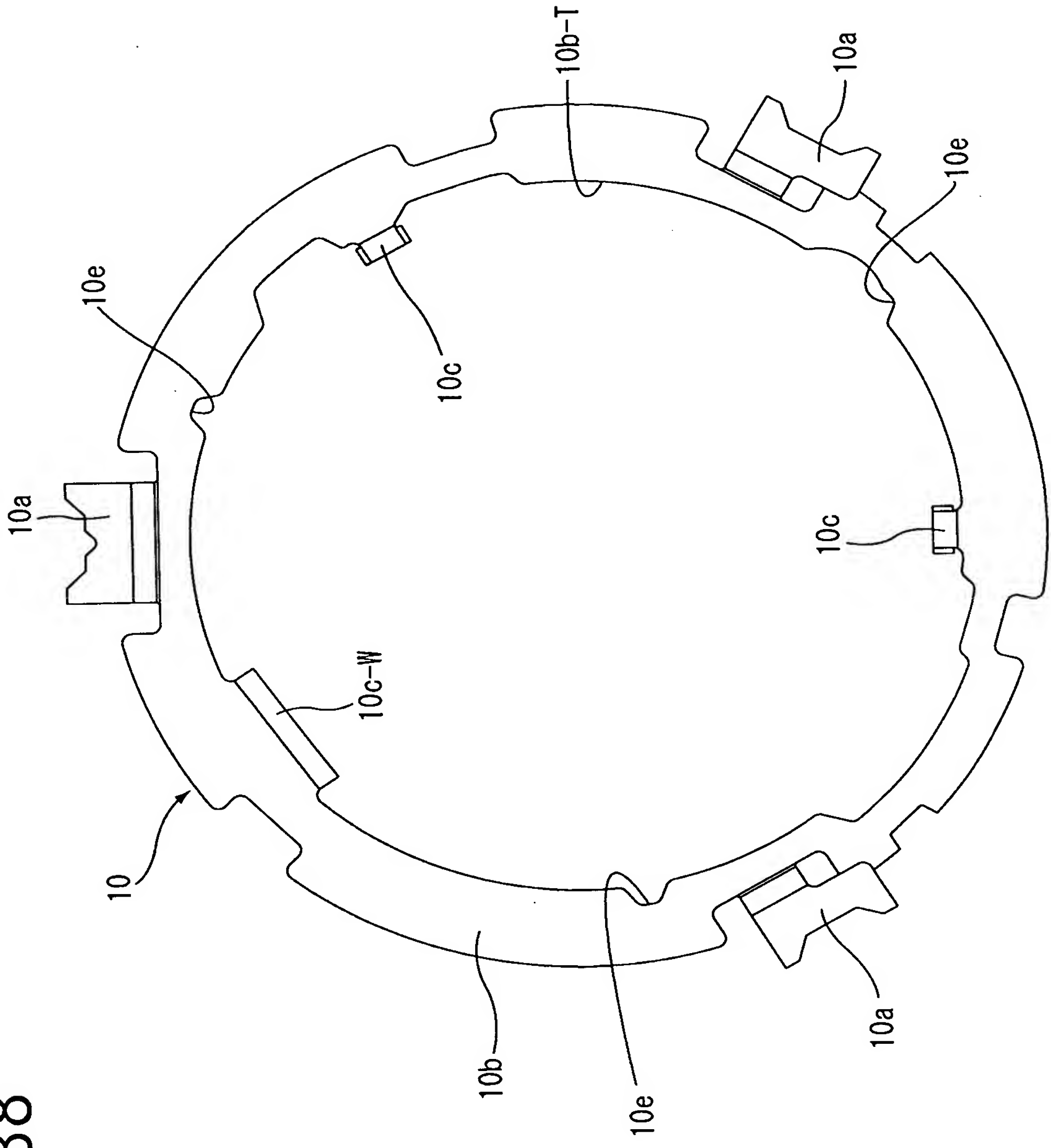


Fig. 90

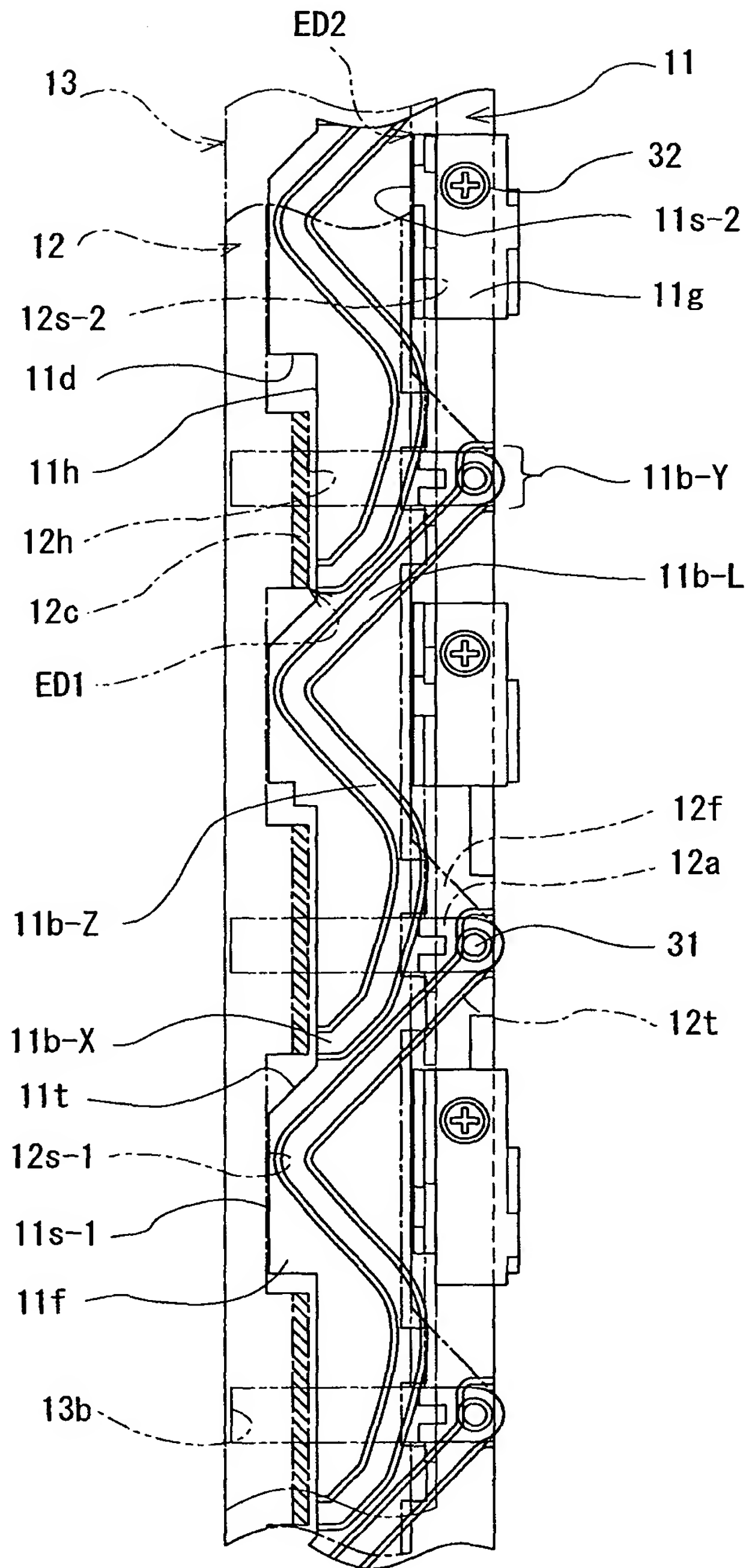


Fig. 91

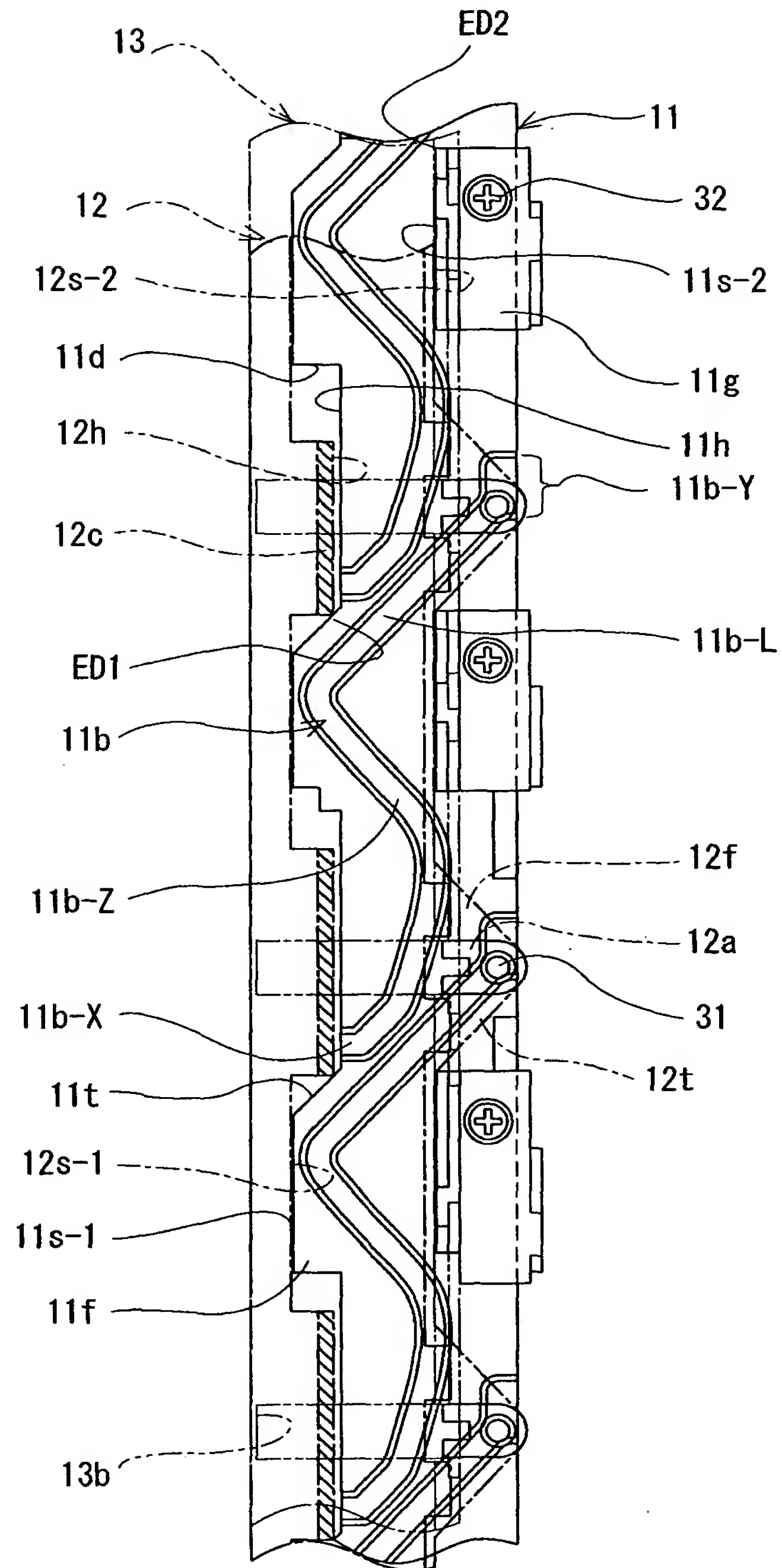


Fig. 92

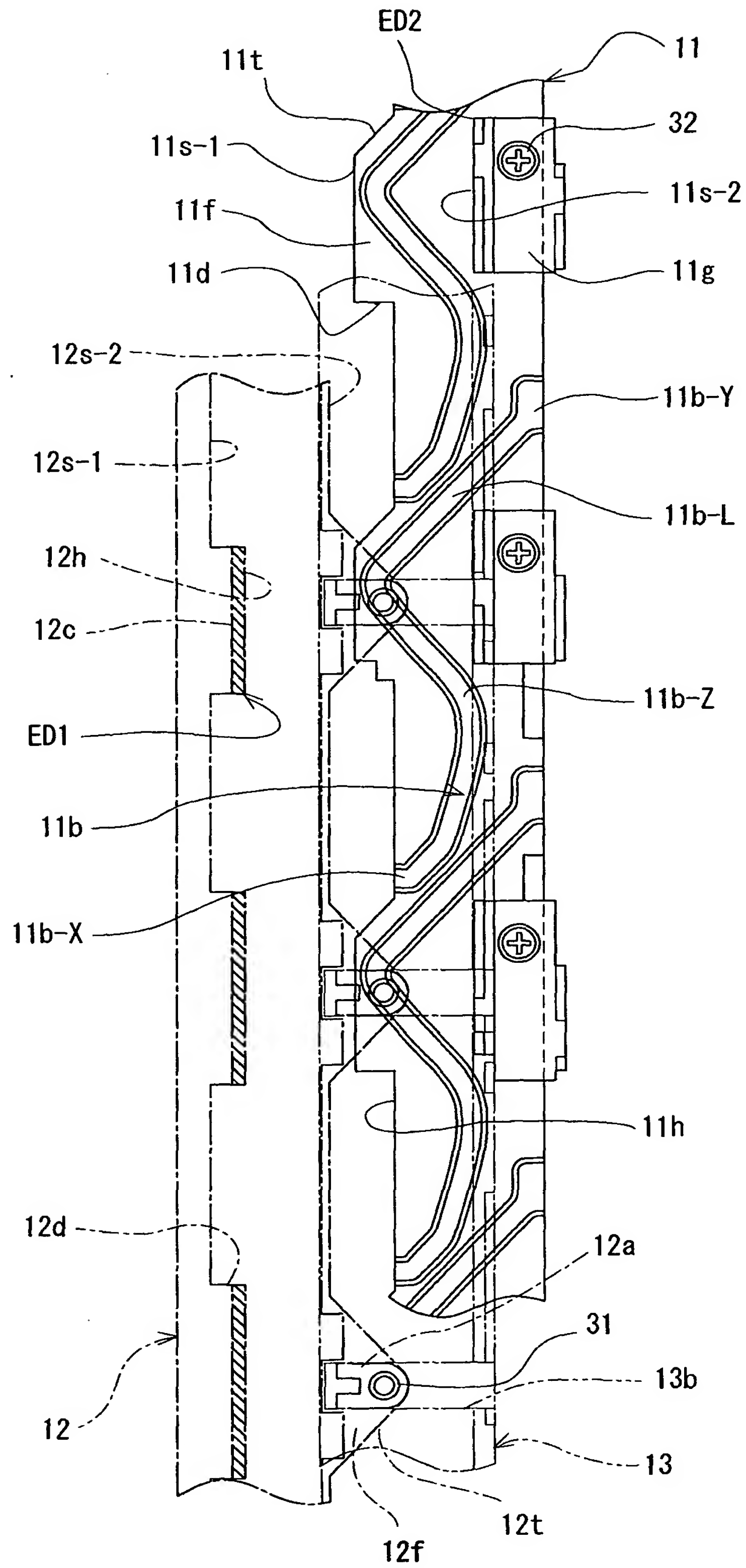


Fig. 93

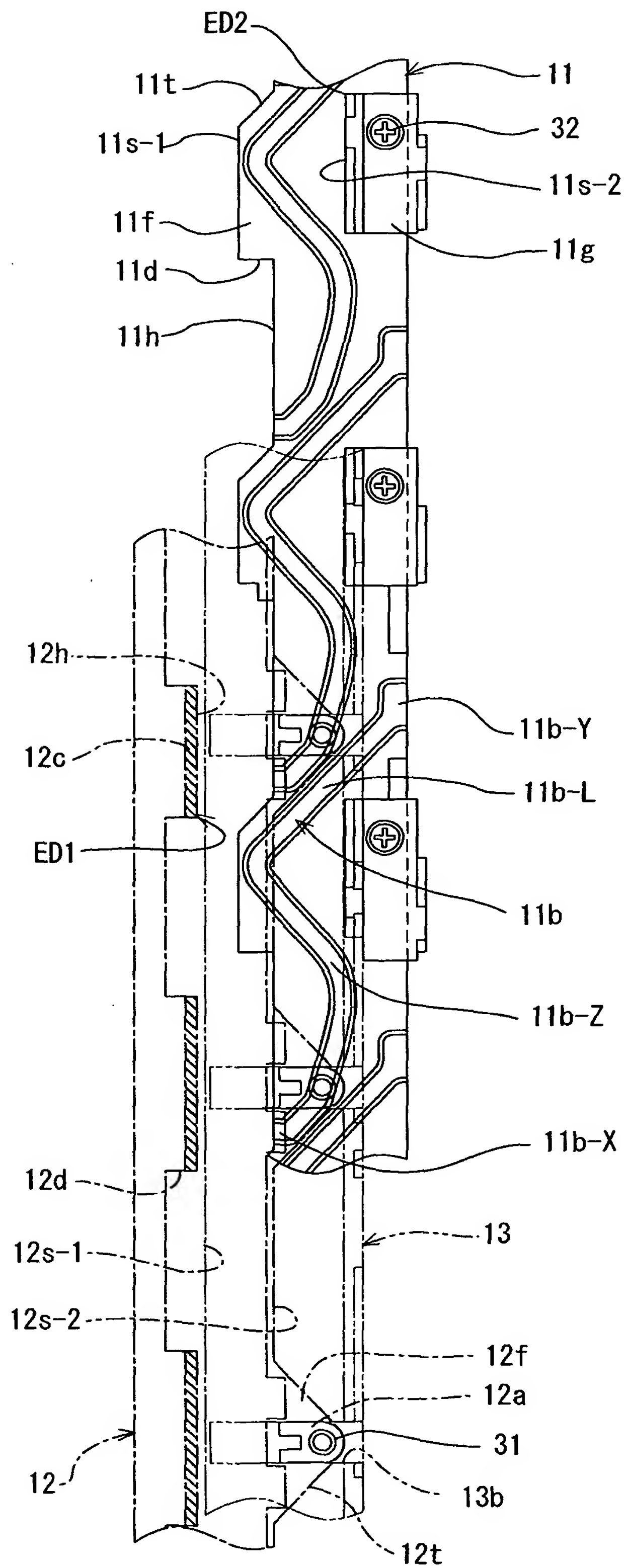


Fig. 94

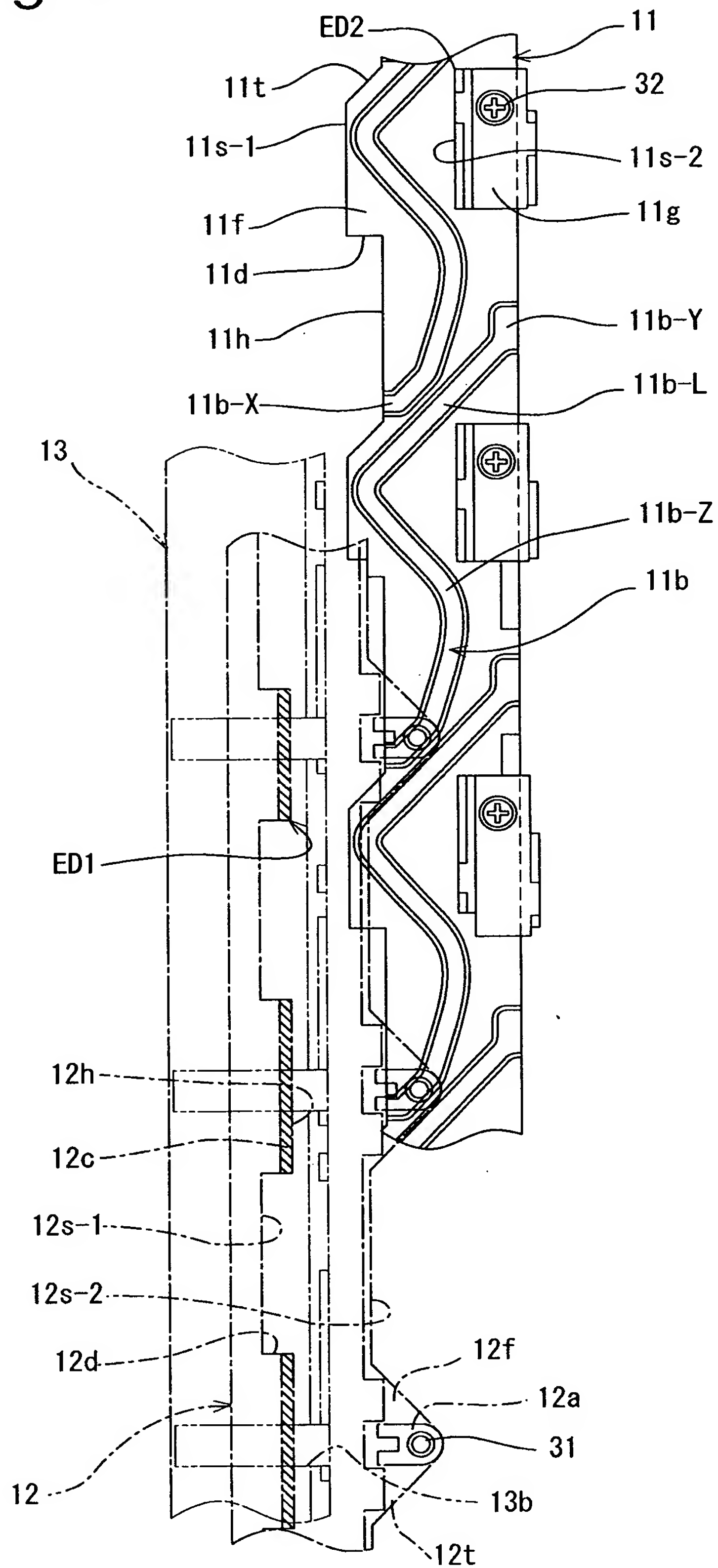


Fig. 95

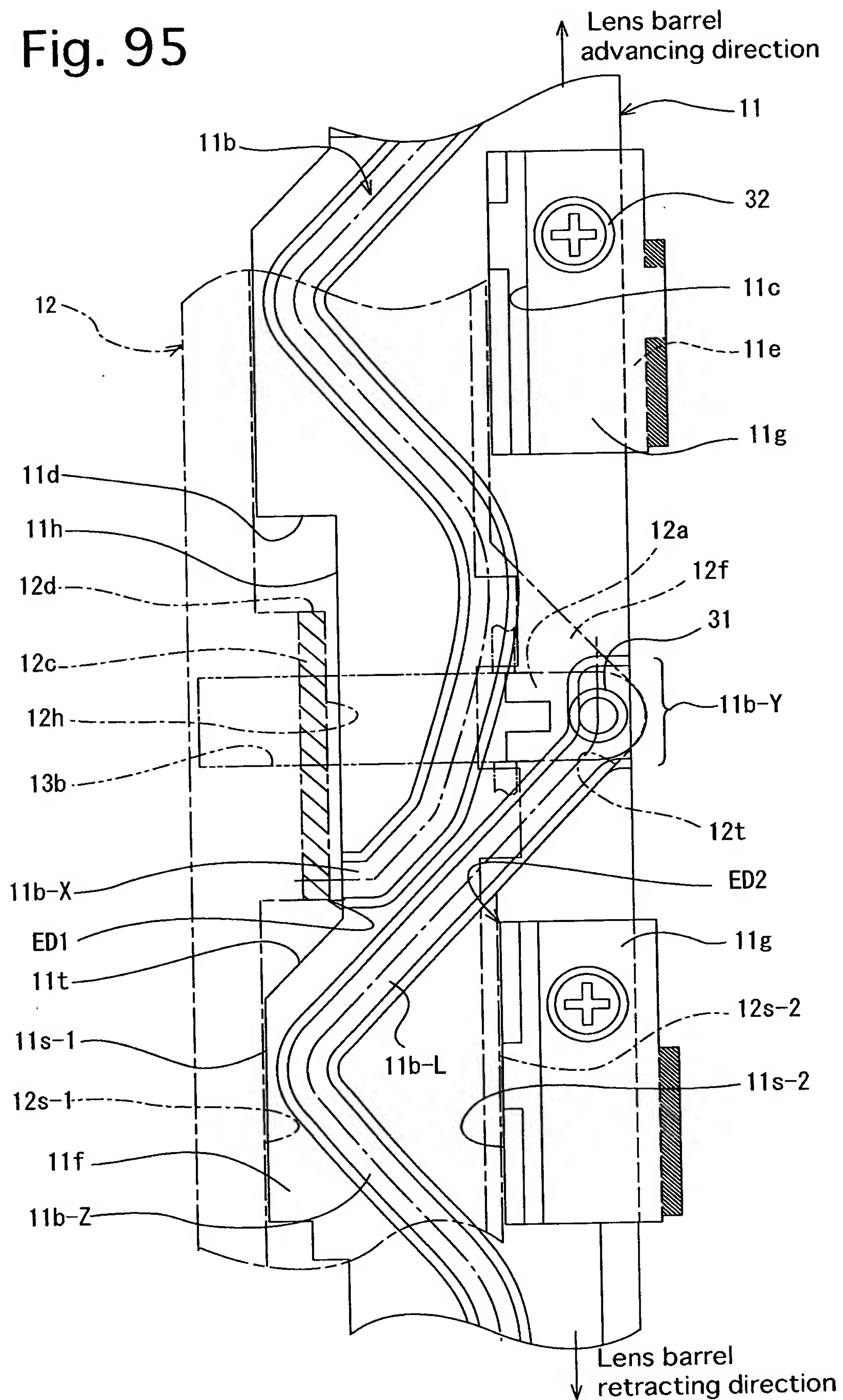


Fig. 96

Lens barrel advancing direction

11

11b

12

11d

11h

12d

12c

12h

13b

11b-X

ED1

11t

11s-1

12s-2

12s-1

11f

11b-Z

11b-L

32

11c

11e

11g

12a

12f

11b-Y

31

12t

ED2

11g

11s-2

Lens barrel retracting direction

Lens barrel
retracting direction

Fig. 97

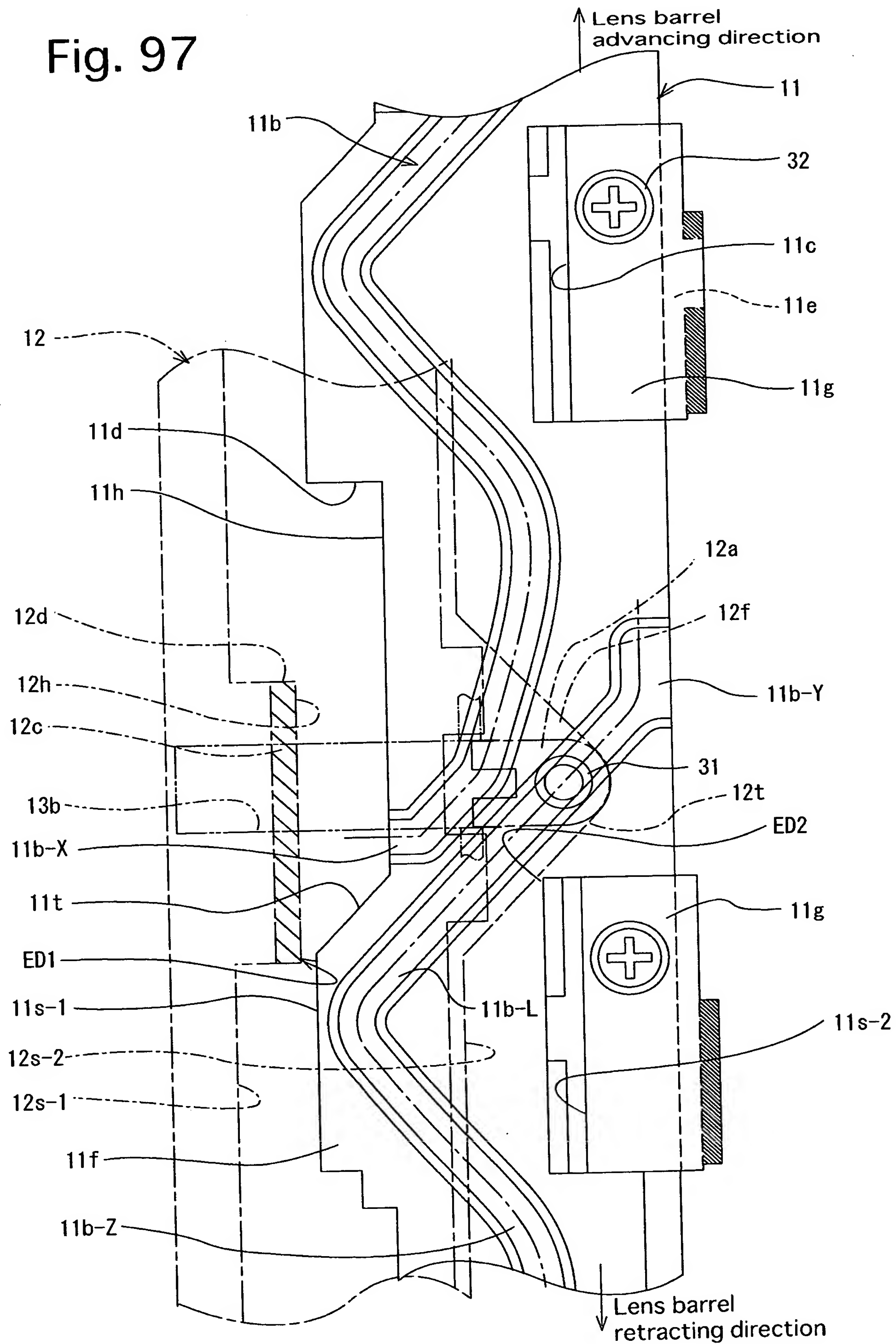


Fig. 98

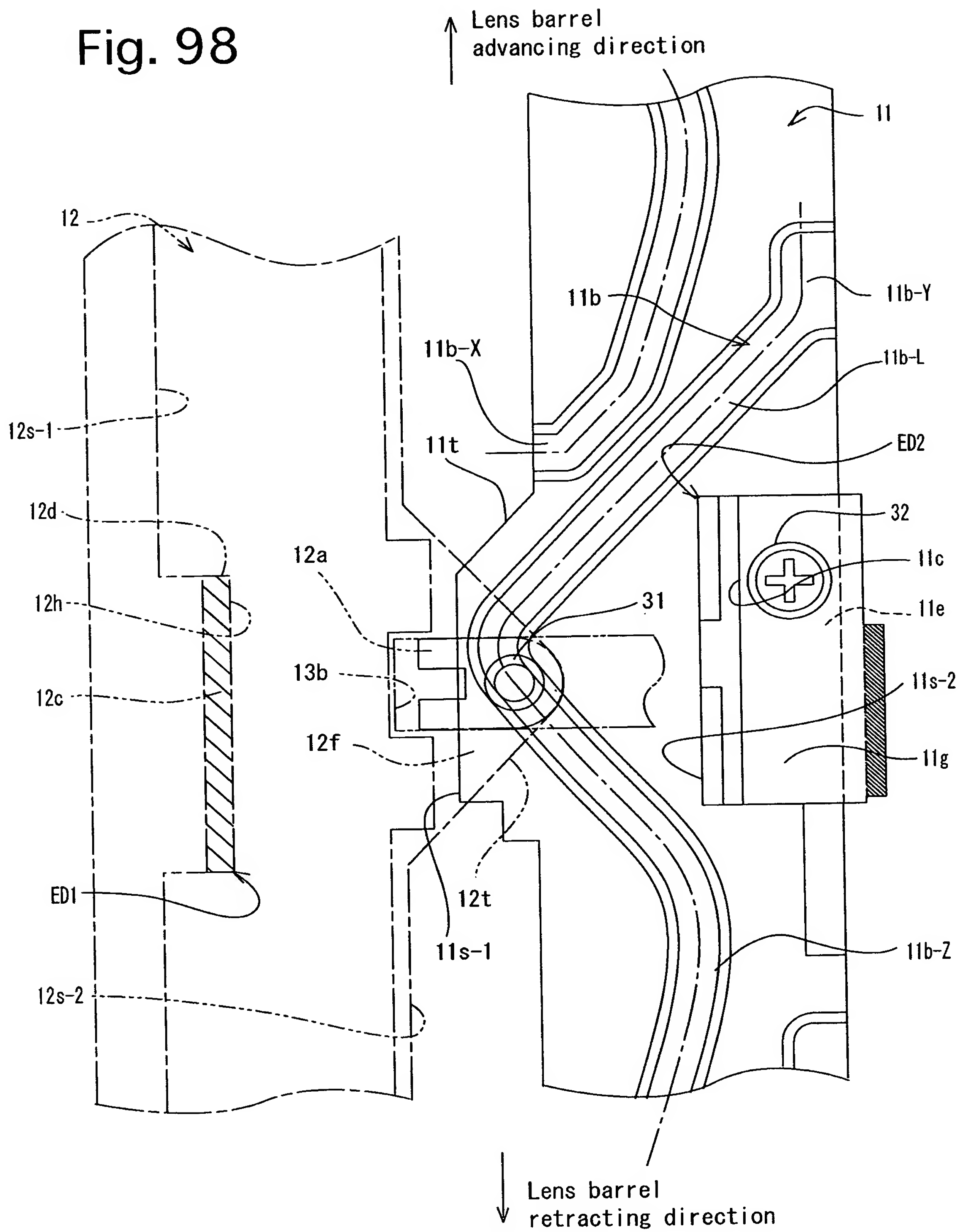


Fig. 99

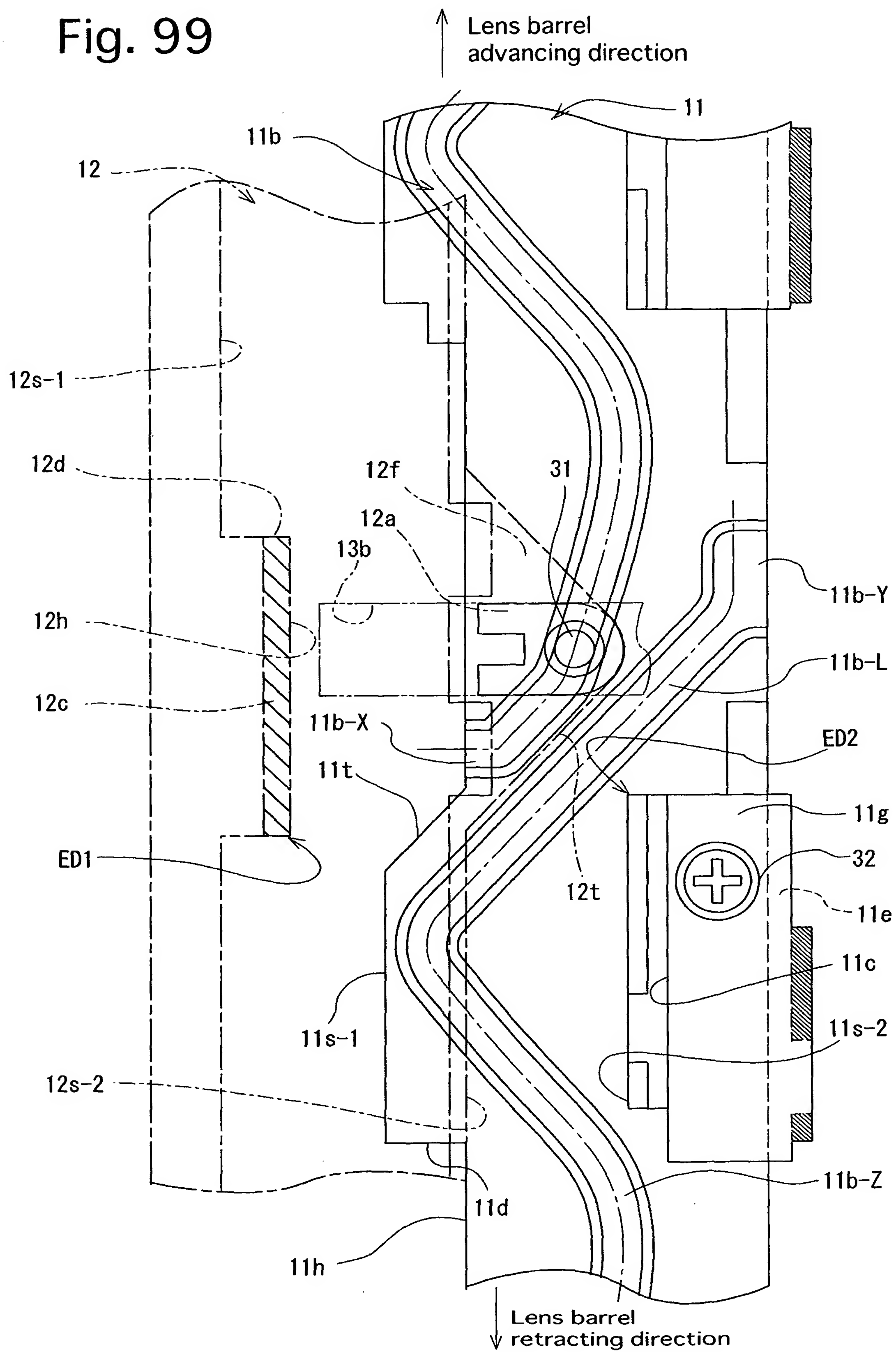


Fig. 100

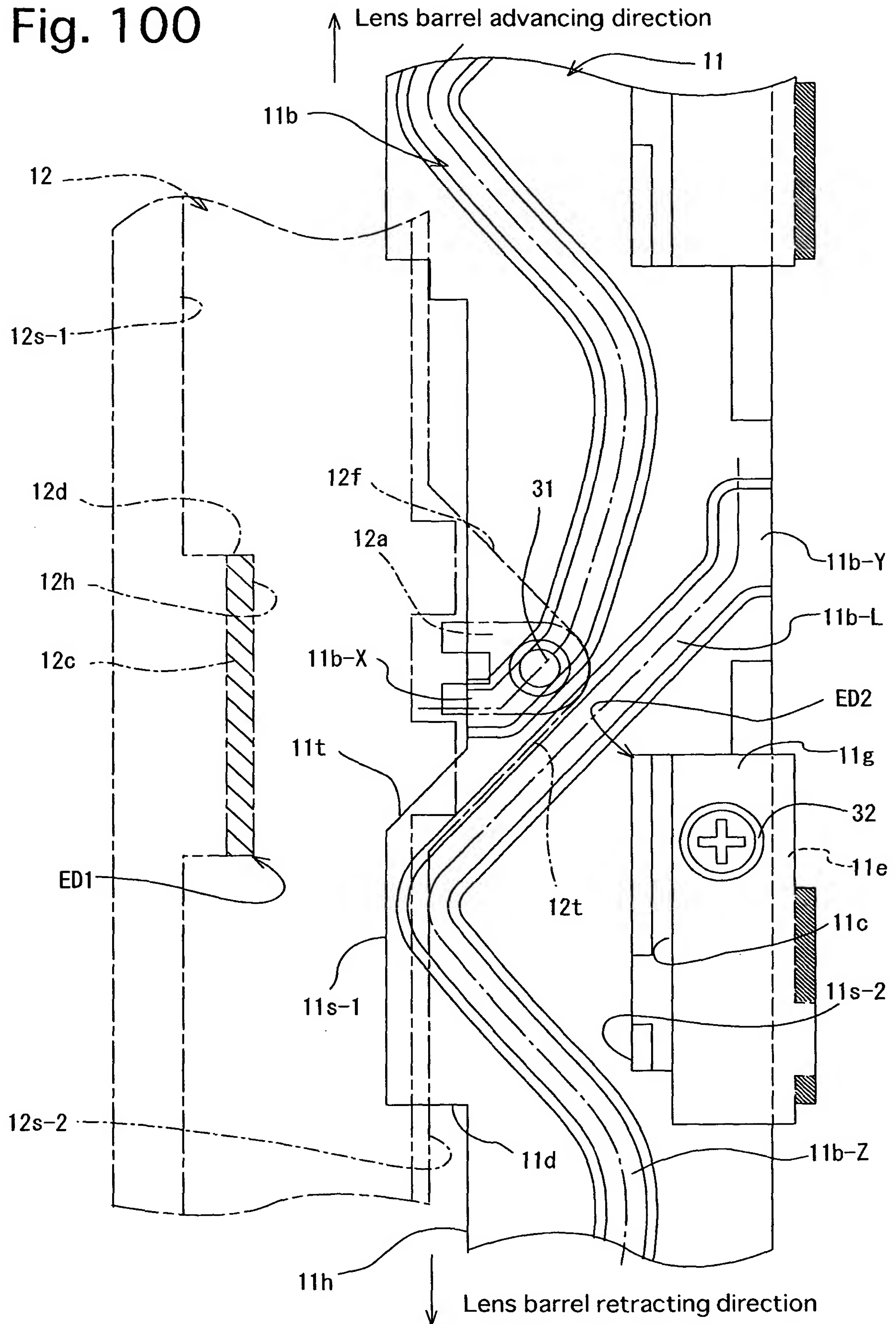


Fig. 10f

Lens barrel advancing direction

11b'

11'

12'

12s-2'

11s-1'

12s-1'

12d'

12h'

12c'

11b-X'

11t'

ED1'

11b-L'

11f'

11b-Z'

12a'

12f'

31'

11b-K

12t'

ED2'

11g'

11s-2'

Lens barrel retracting direction

↑ Lens barrel
advancing direction

↓ Lens barrel
retracting direction

Fig. 102

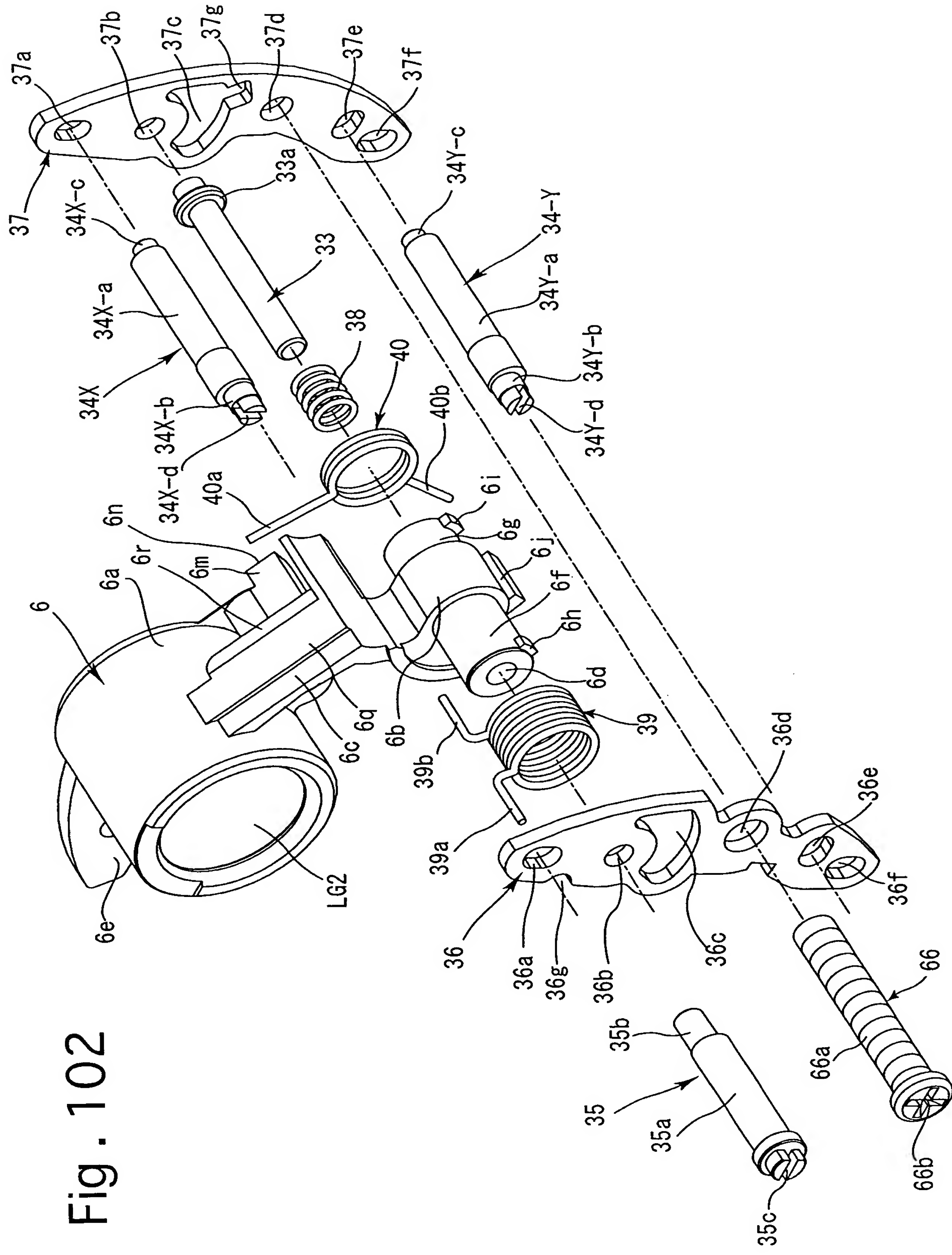


Fig. 103

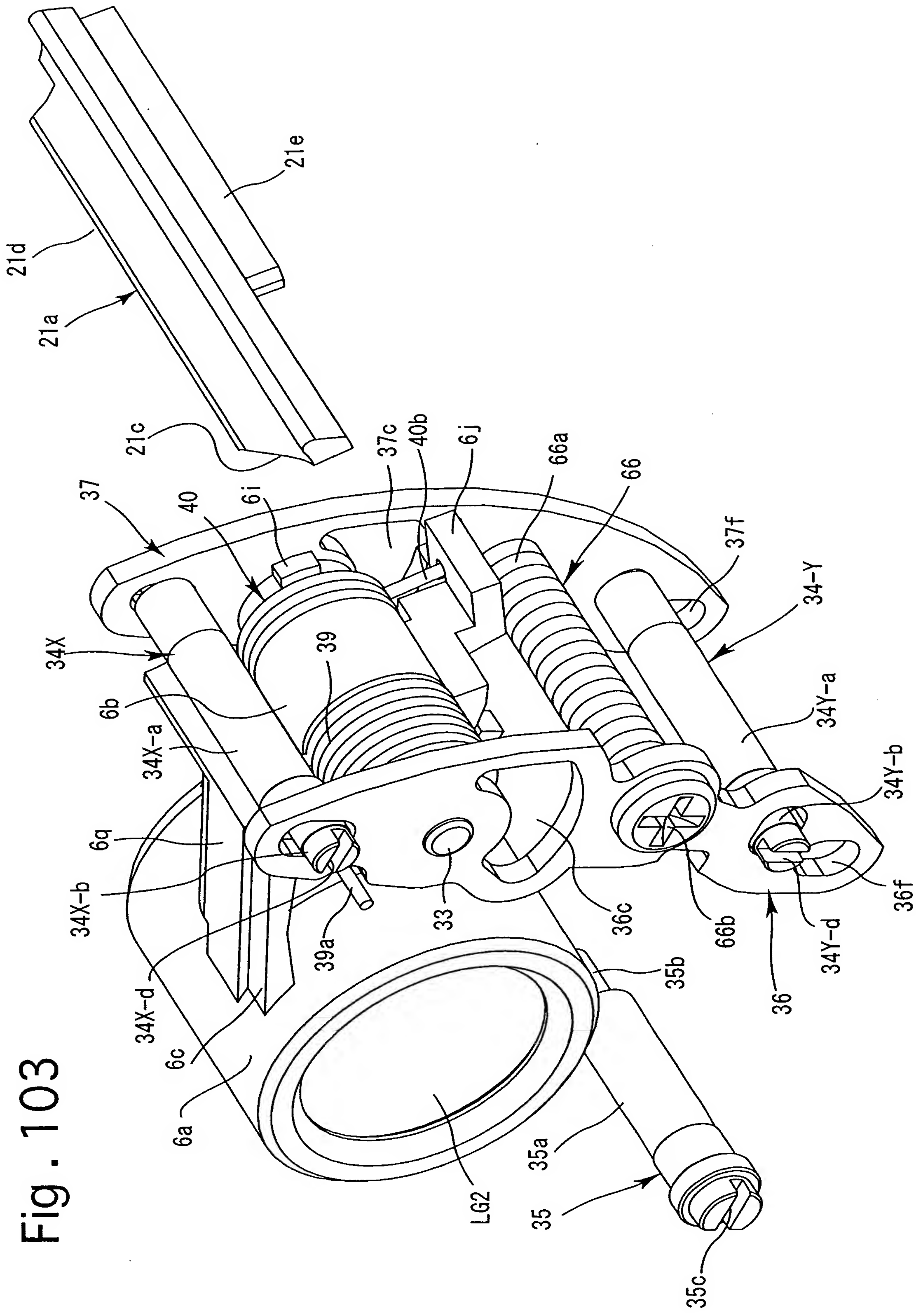


Fig. 104

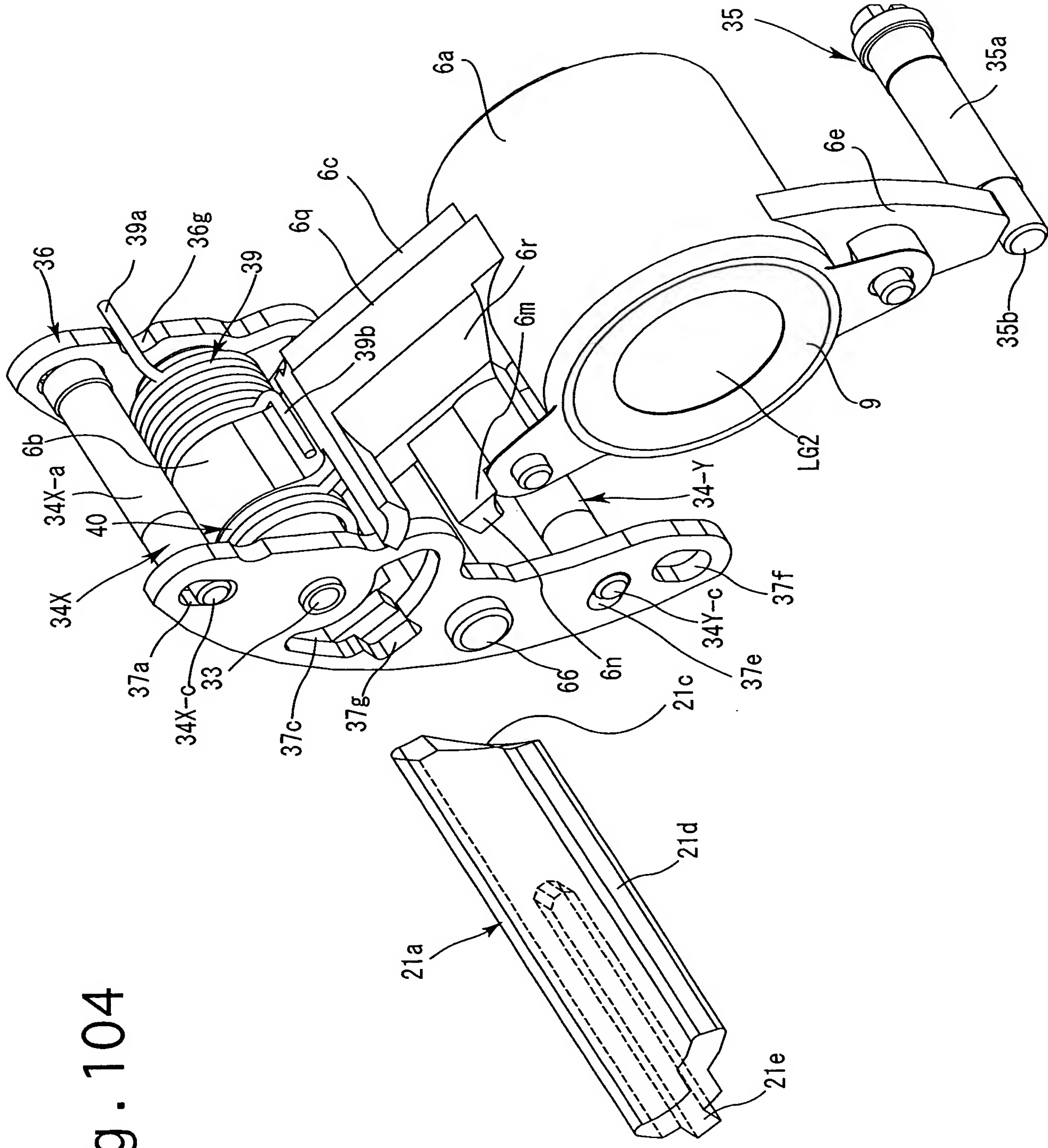


Fig. 105

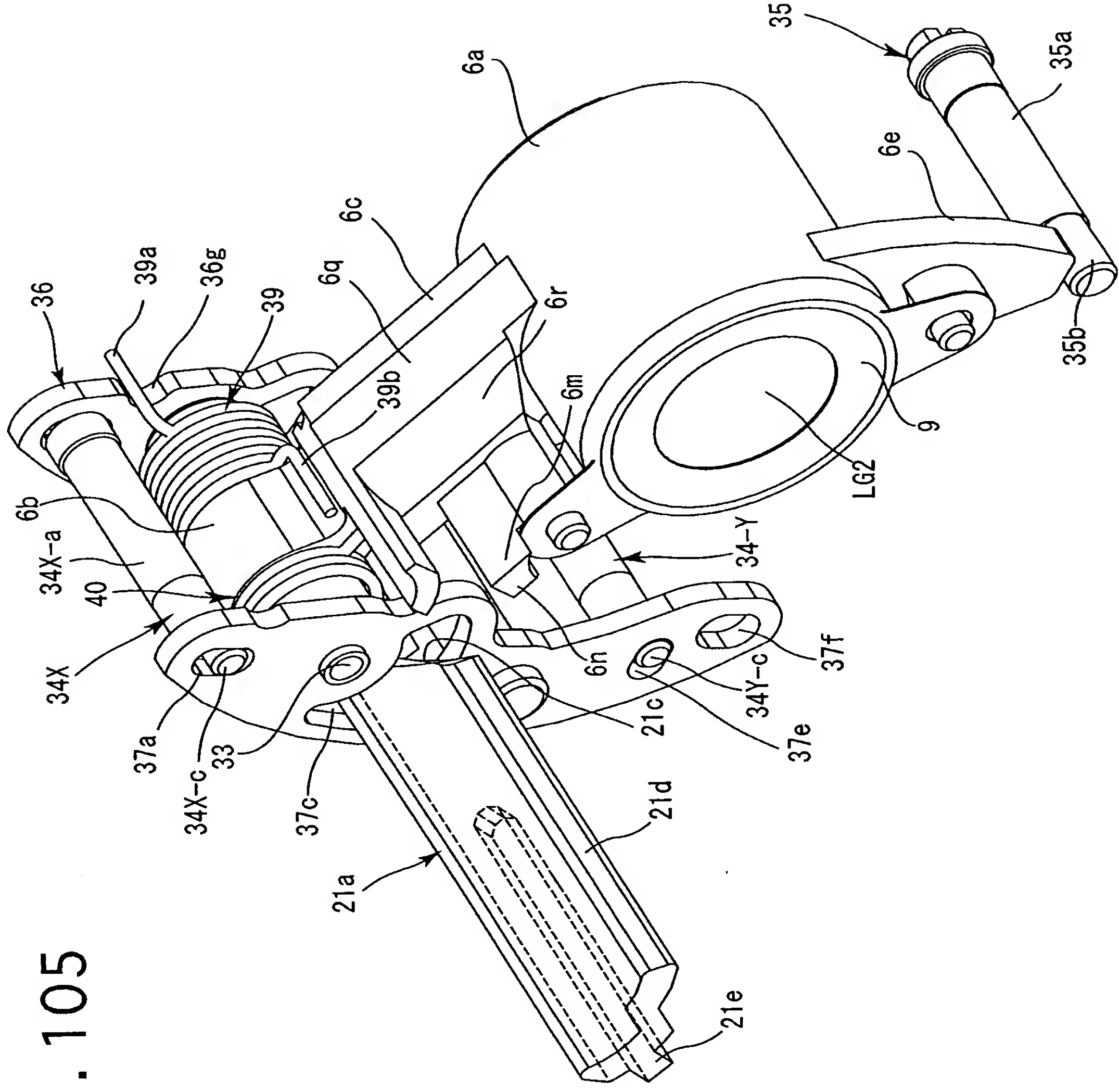


Fig. 106

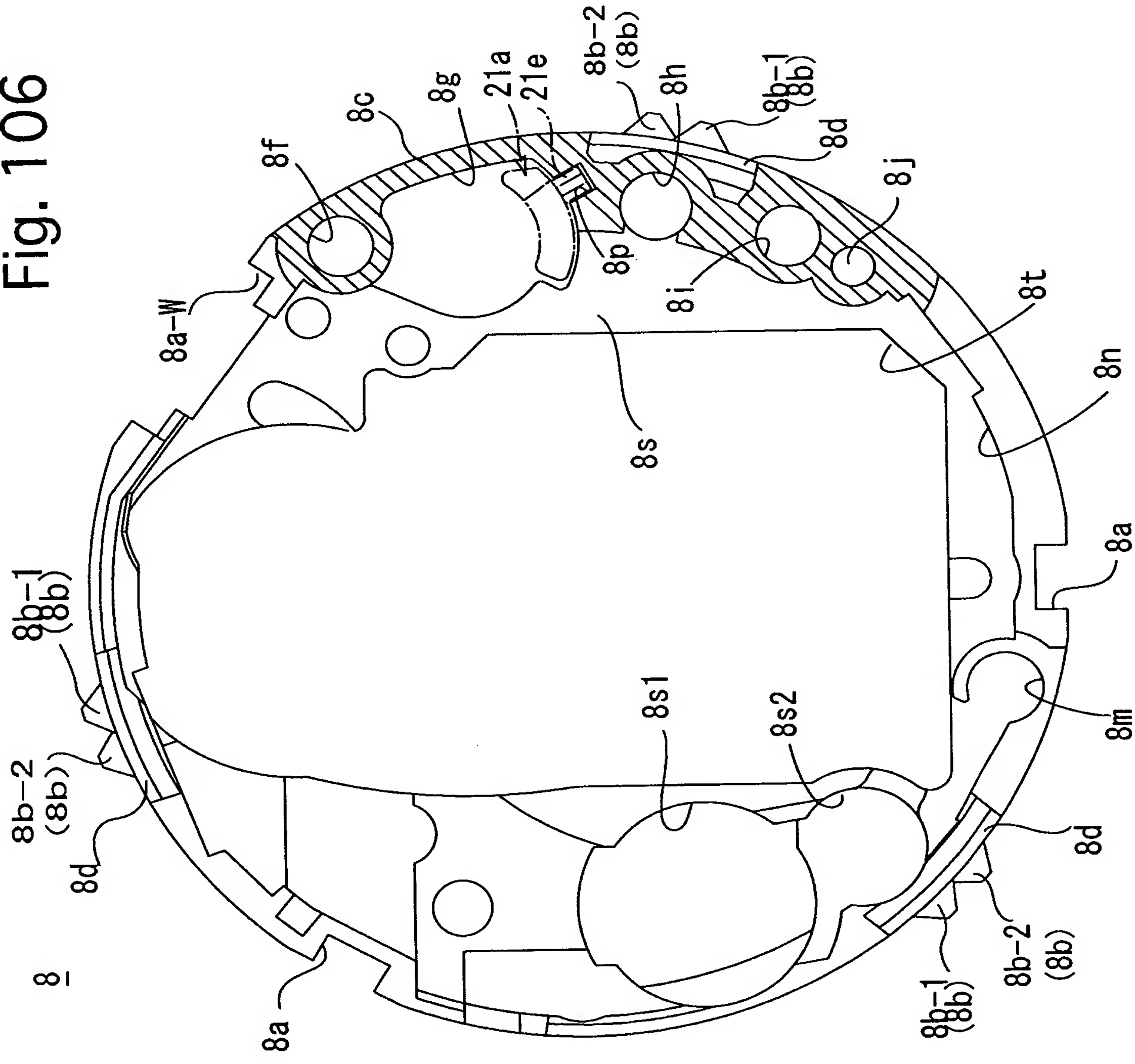
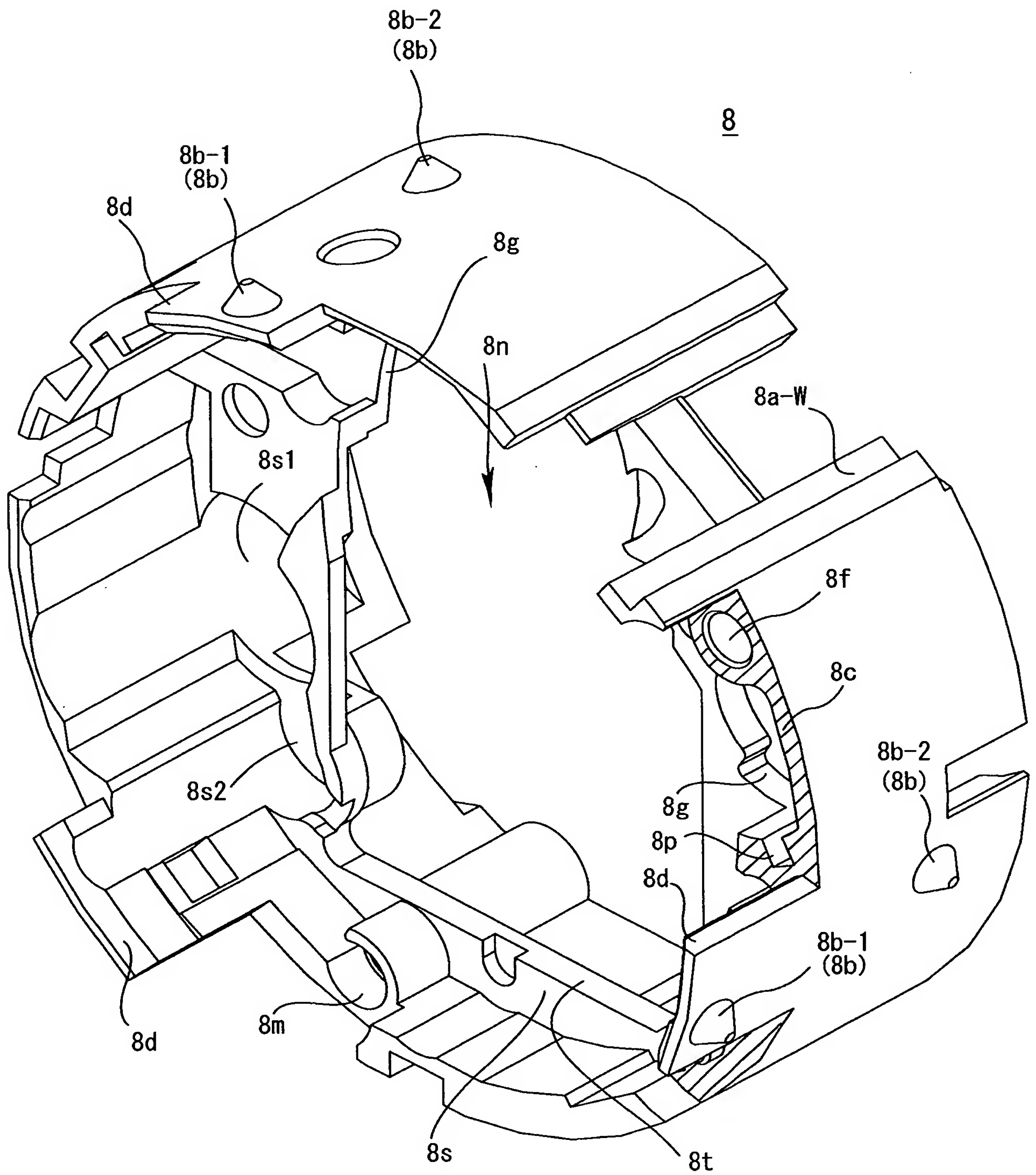


Fig. 107



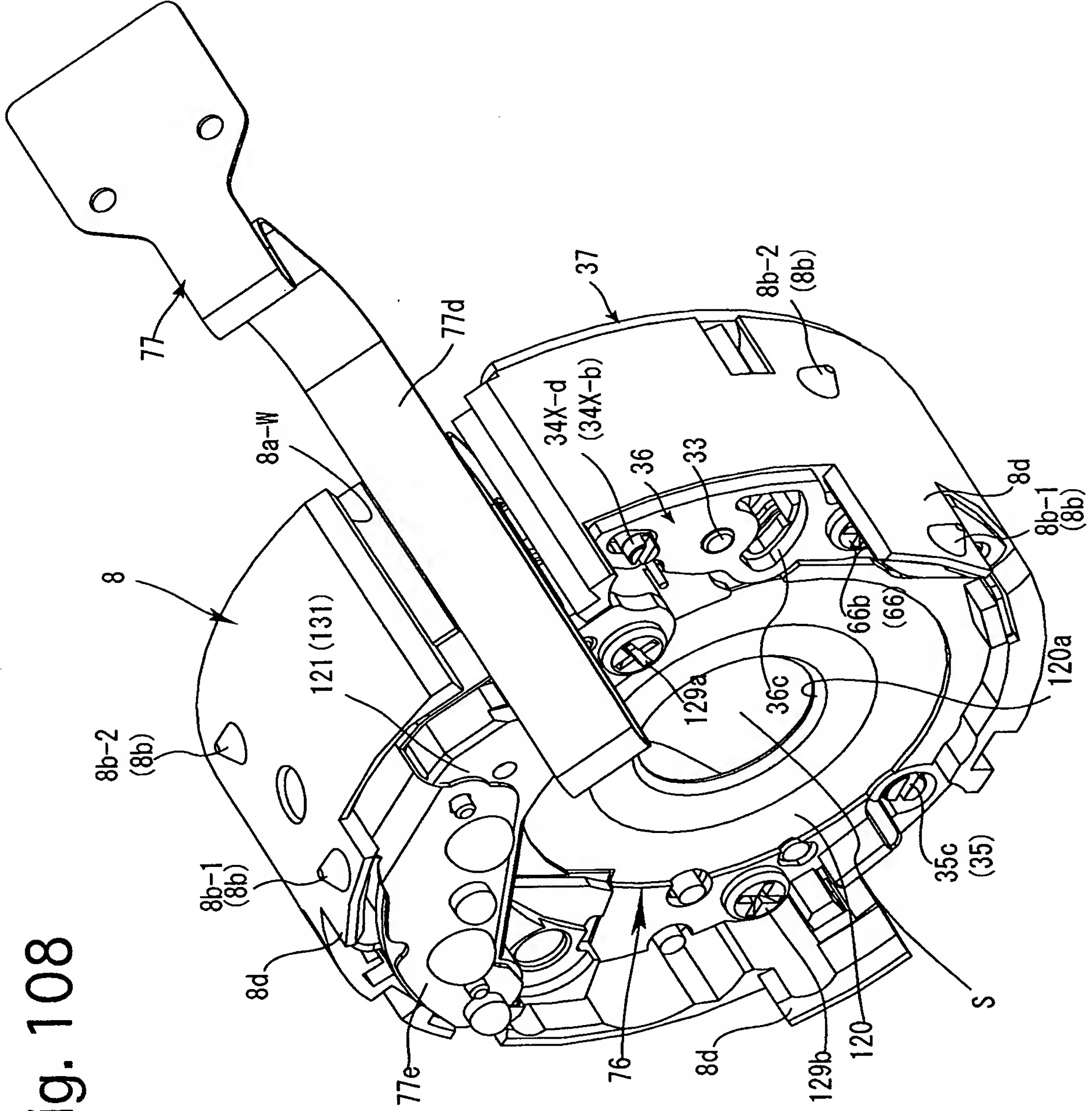


Fig. 109

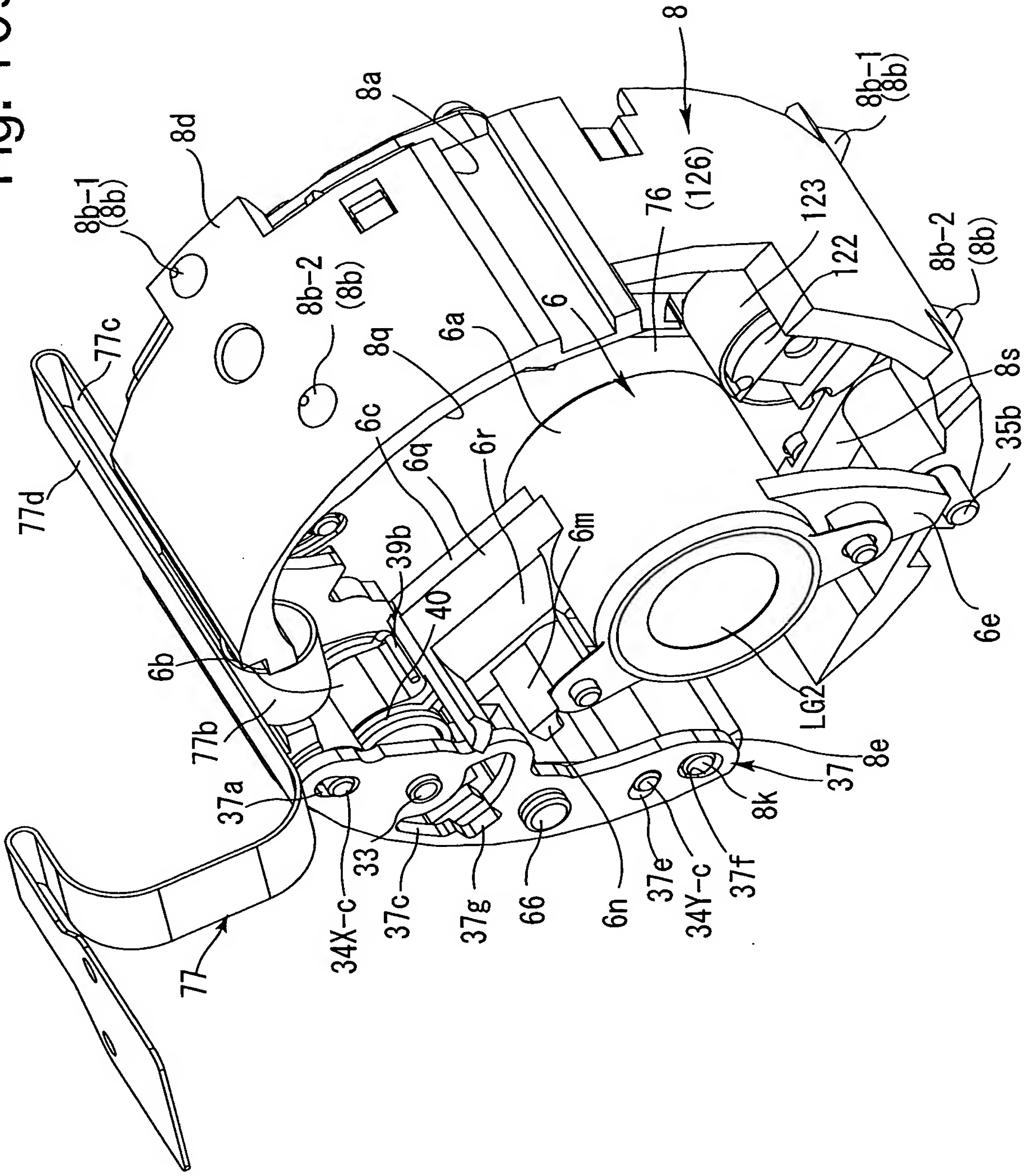


Fig. 110

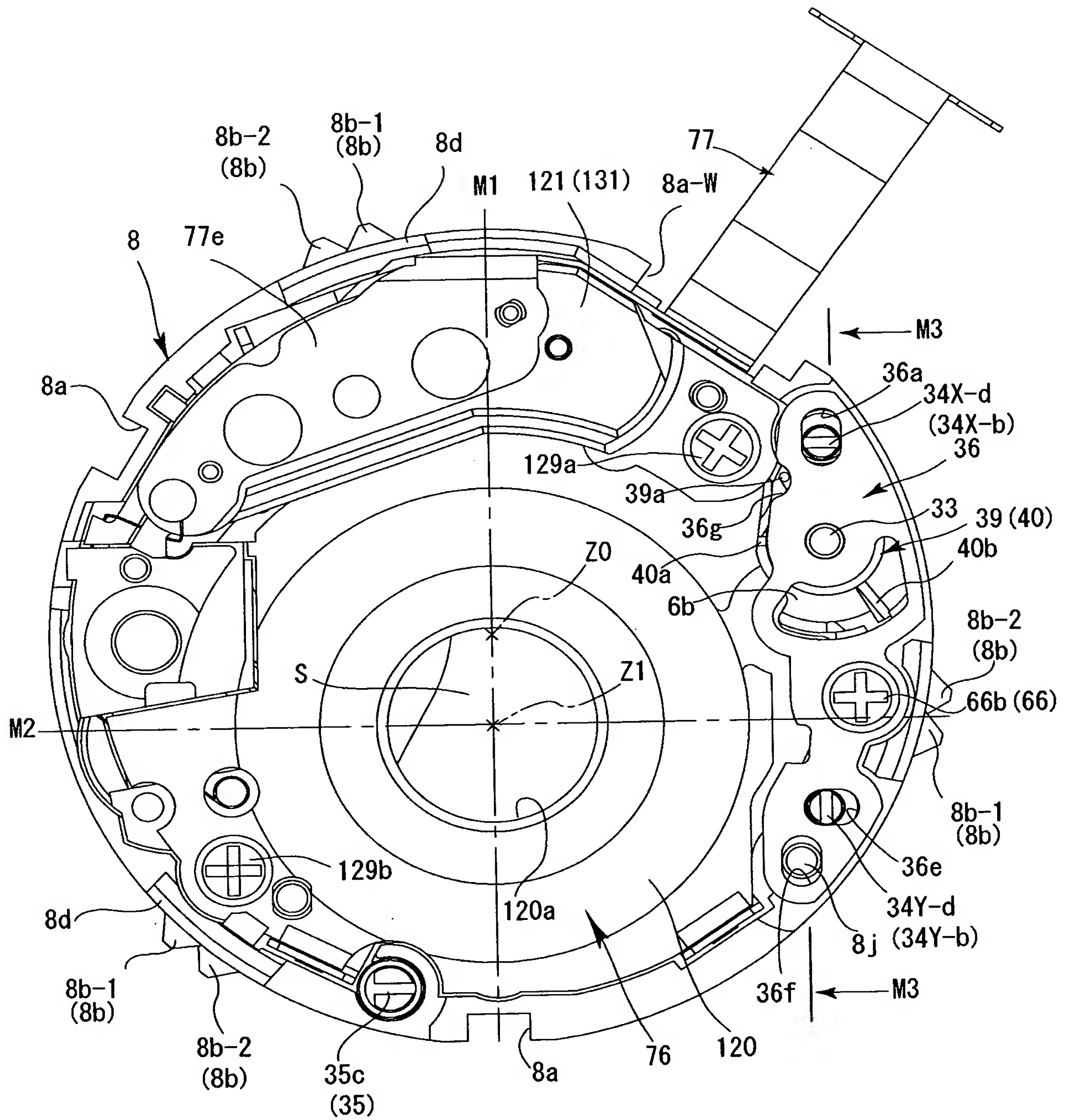


Fig. 112

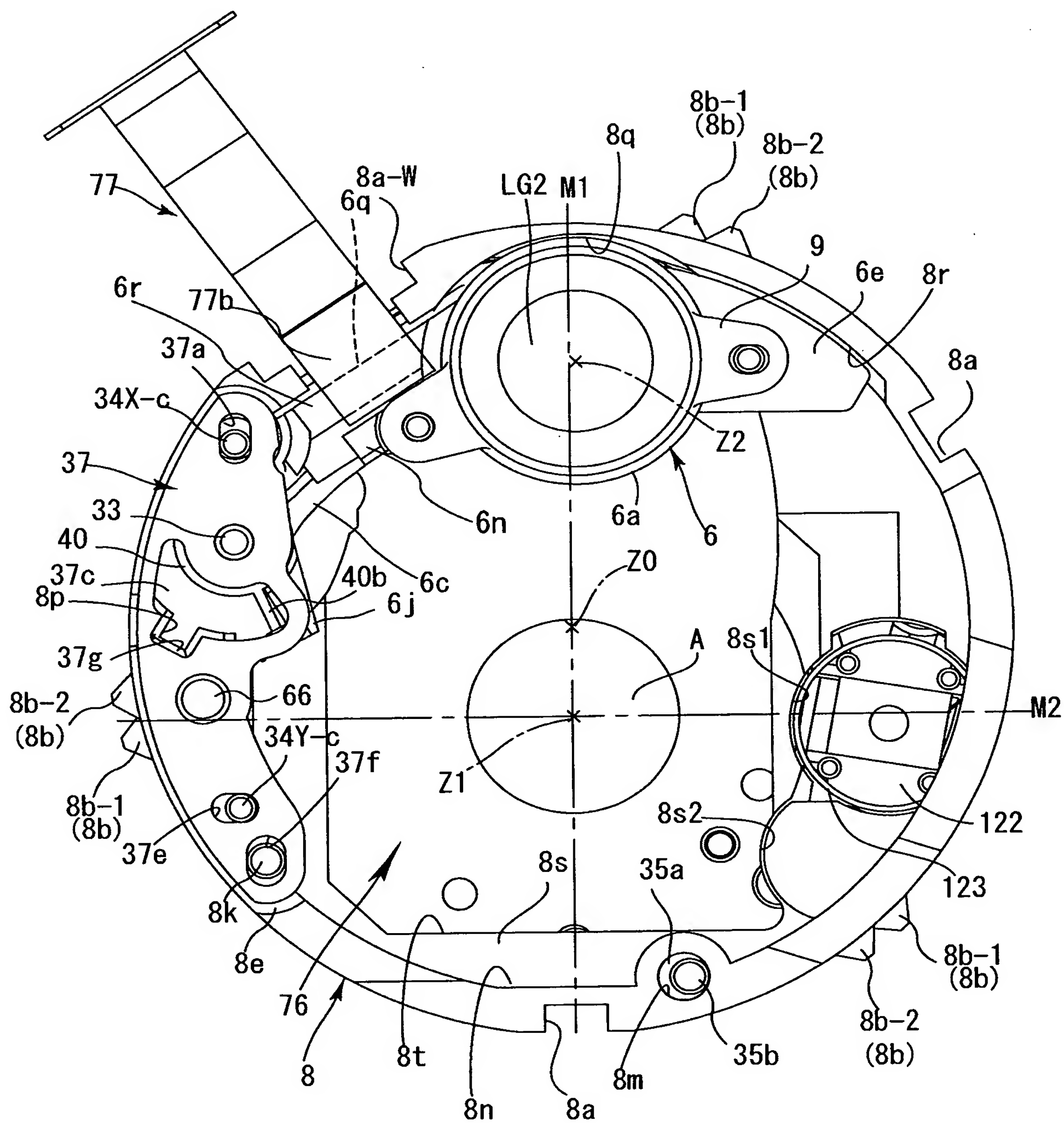


Fig.113

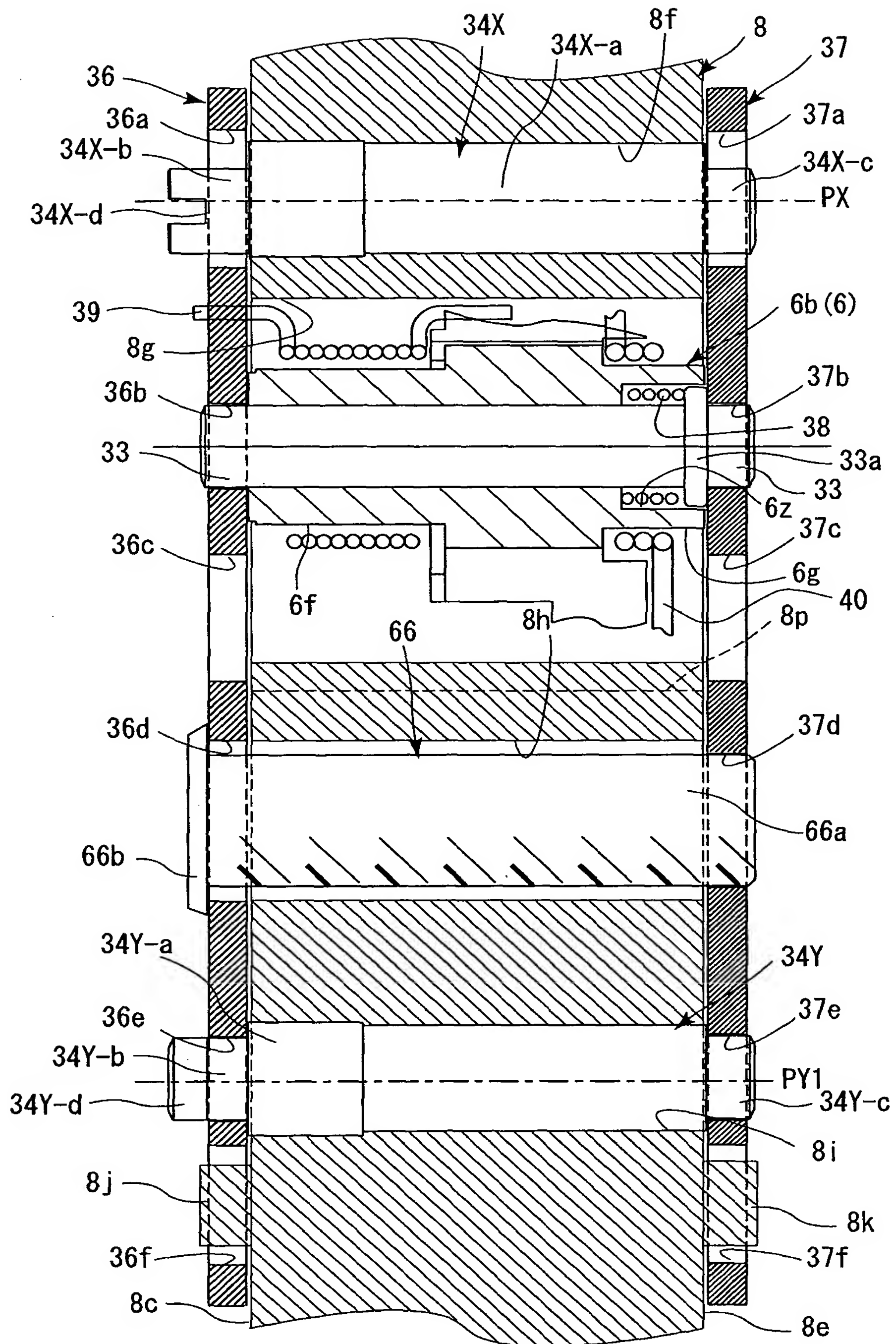


Fig . 114

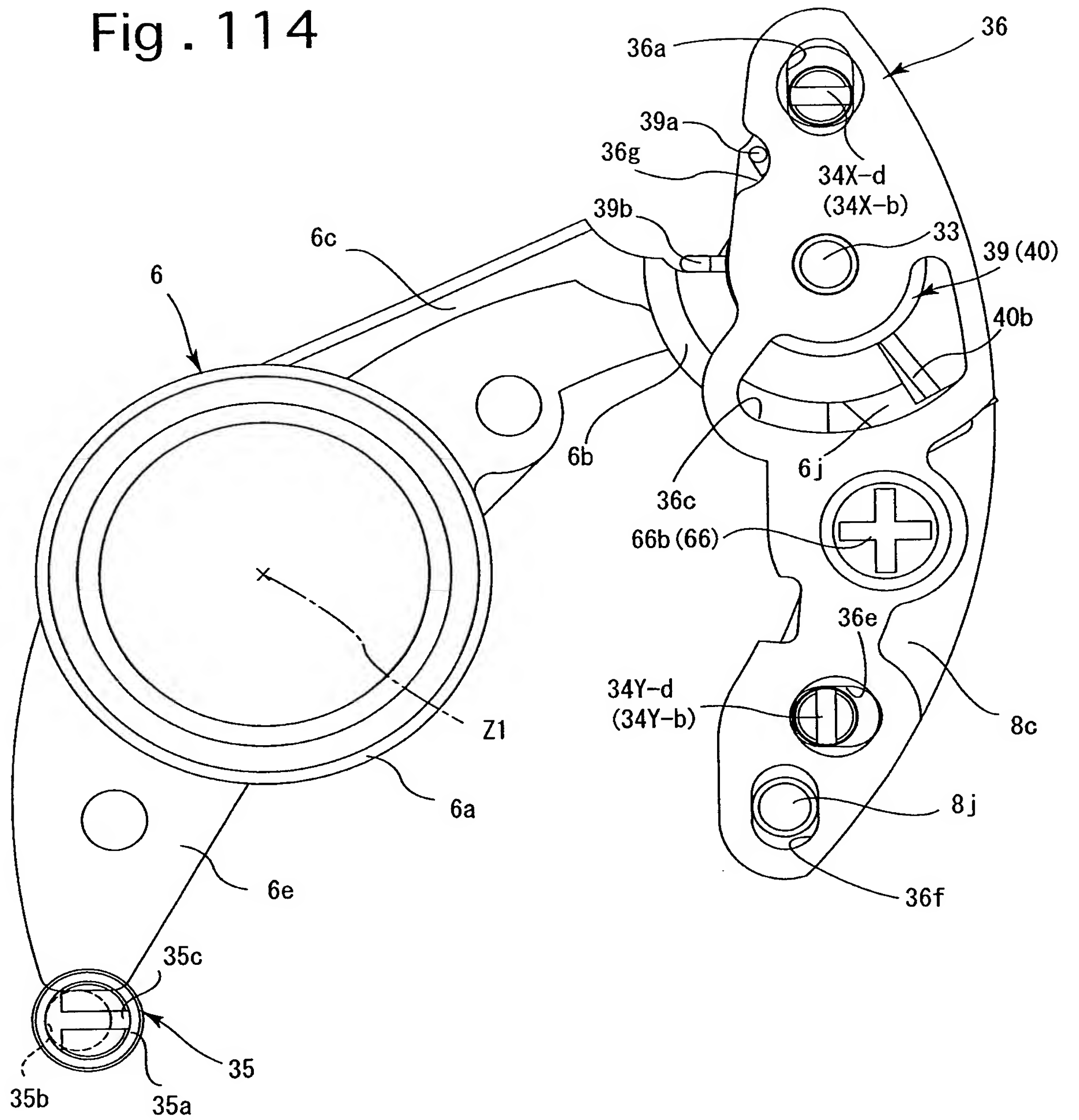


Fig . 115

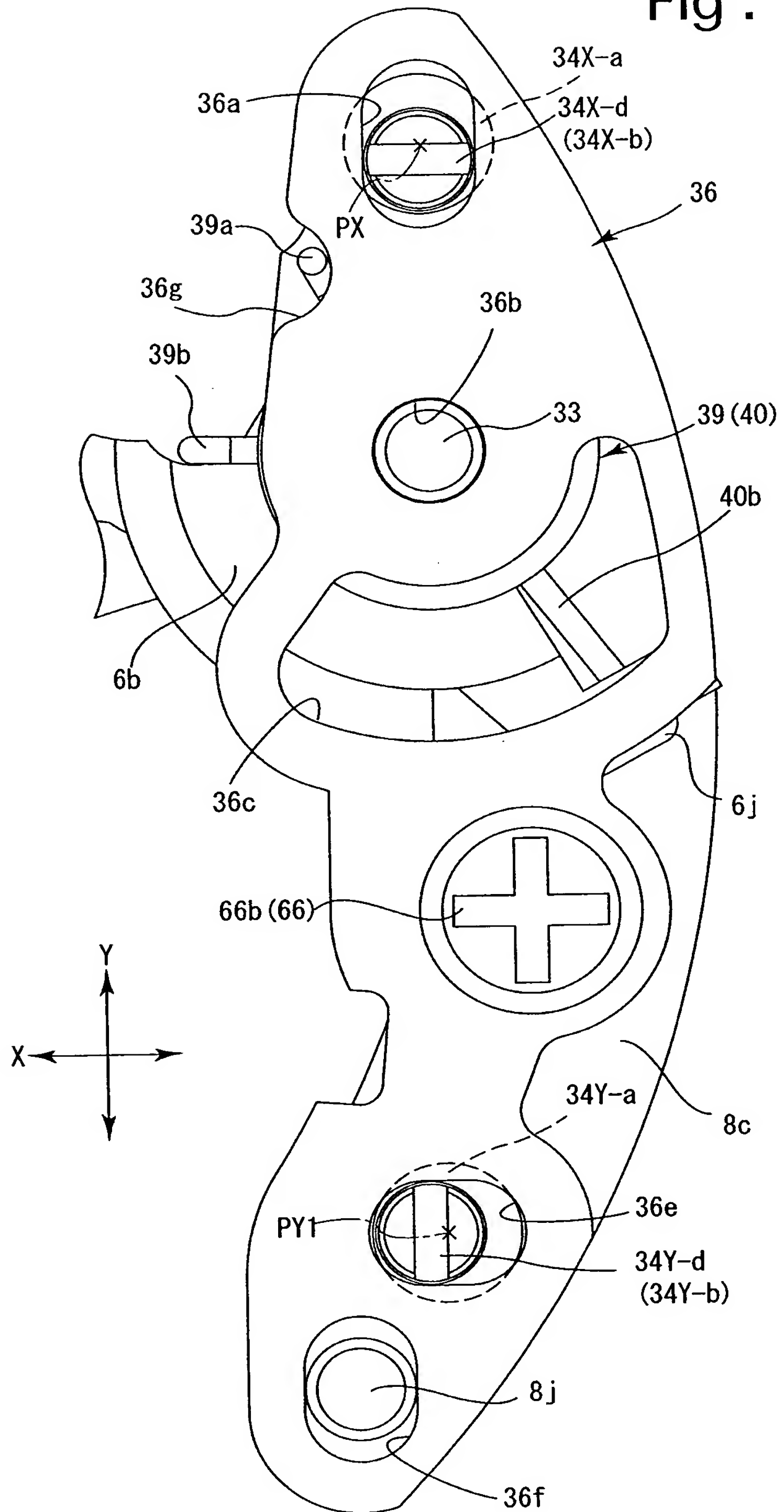


Fig . 116

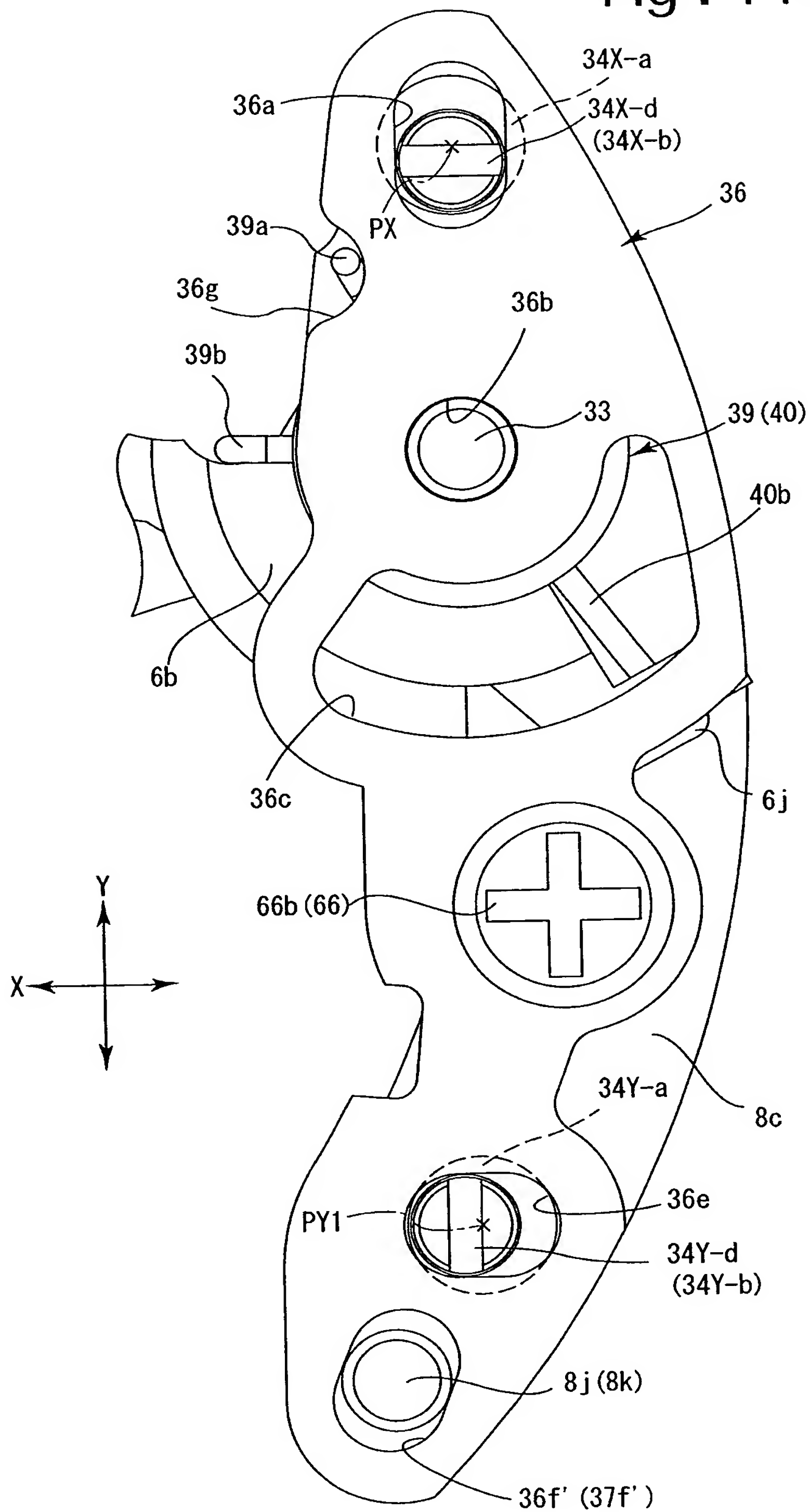


Fig . 117

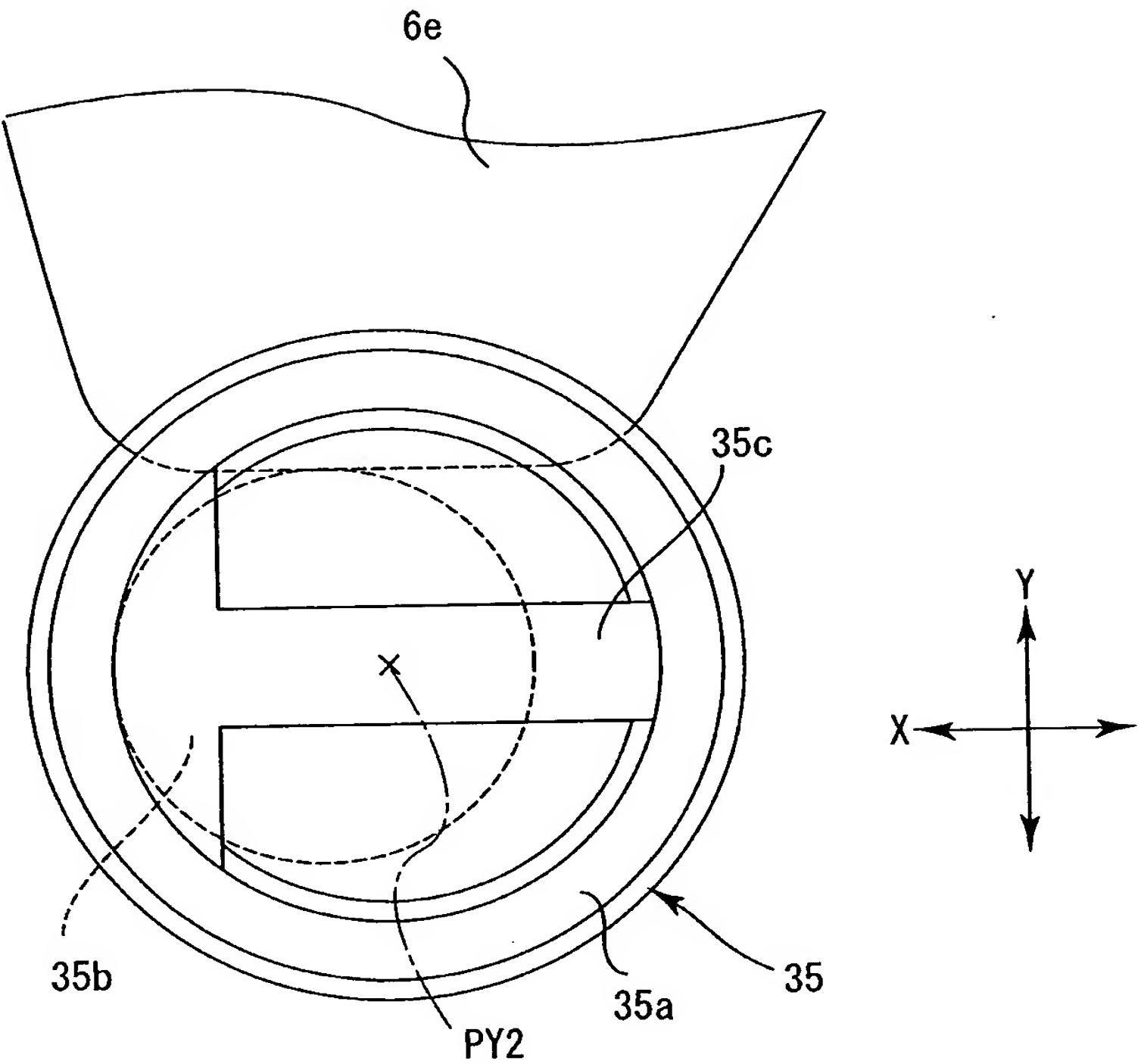


Fig . 119

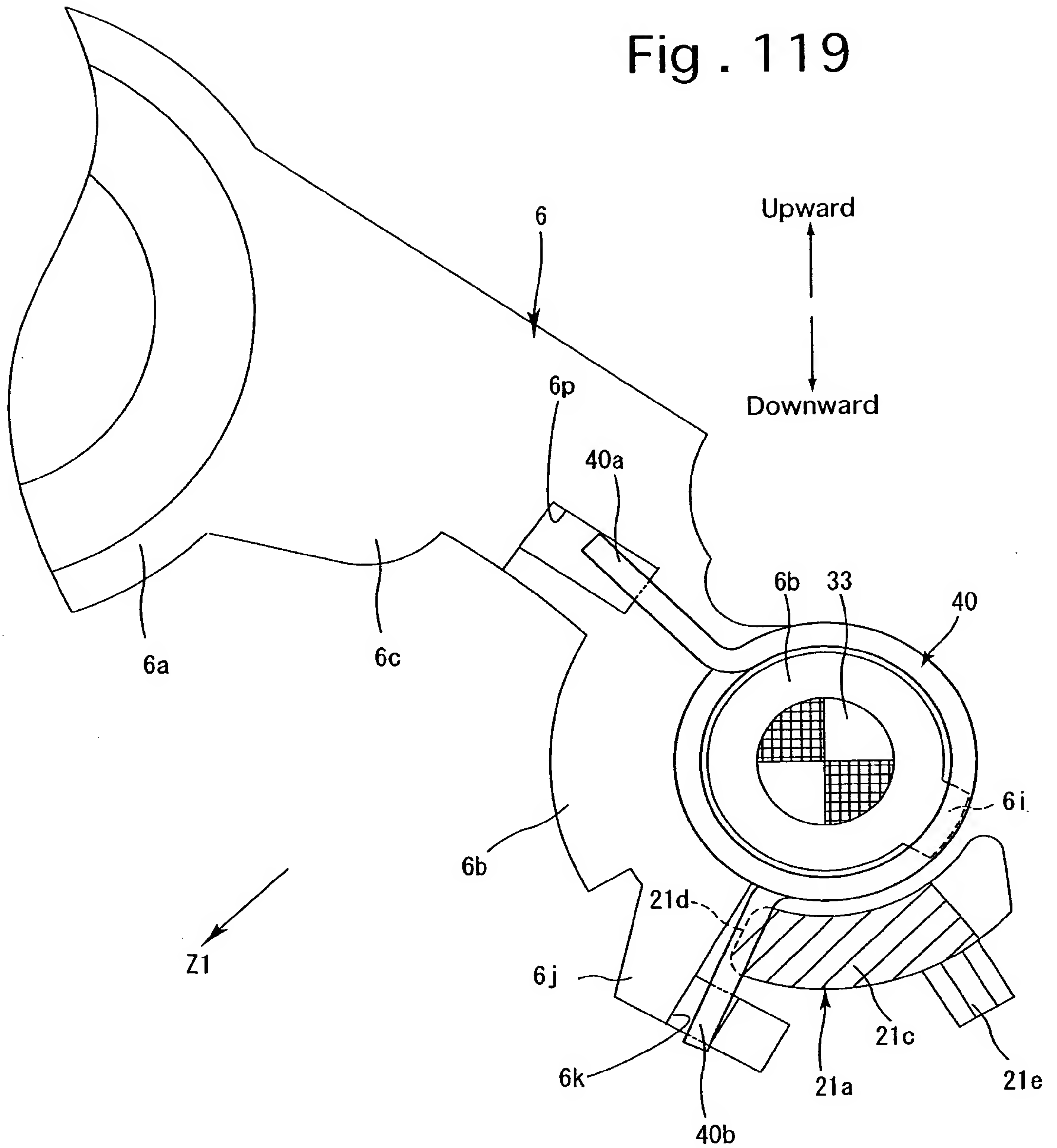


Fig . 120

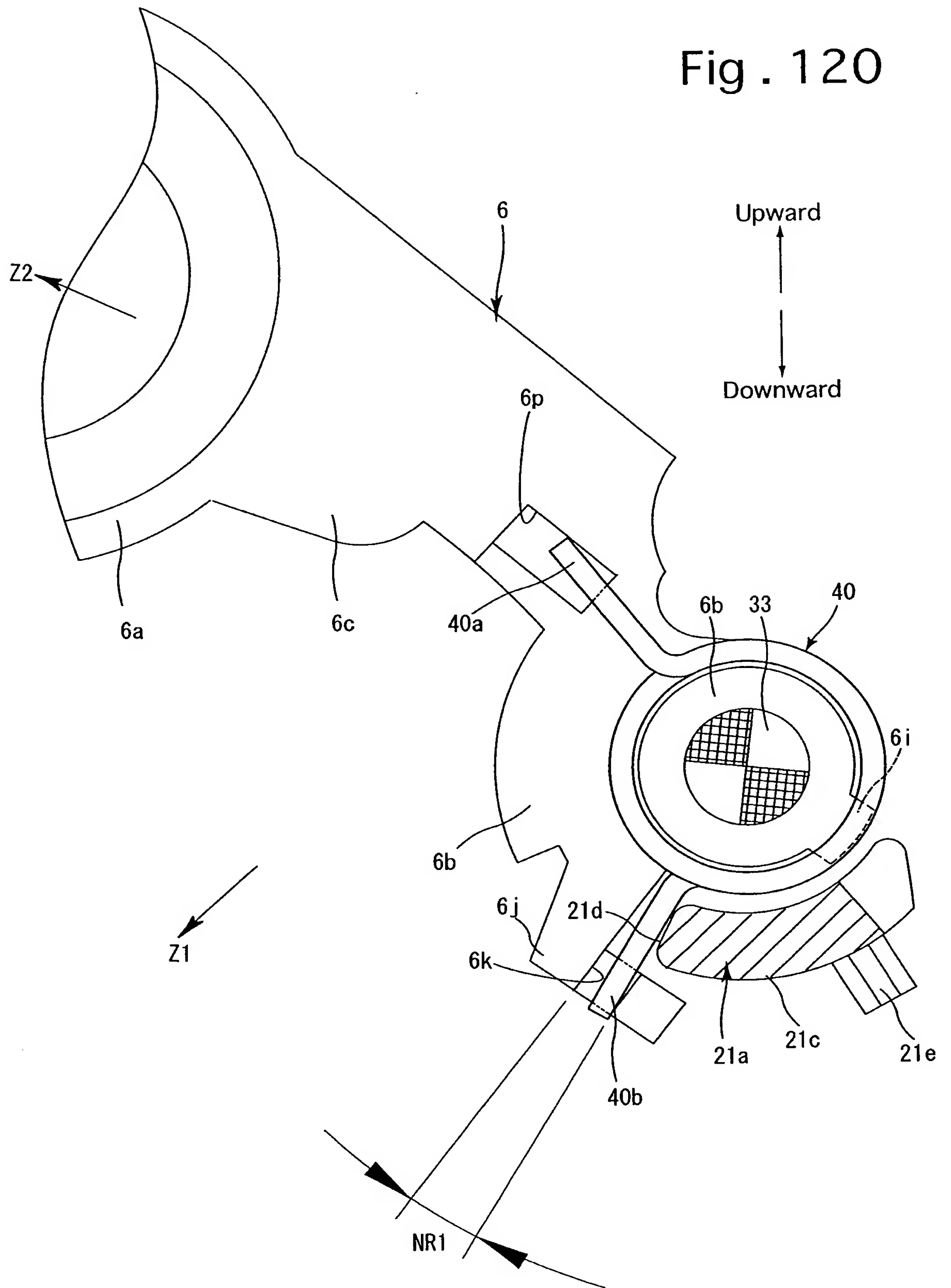


Fig . 121

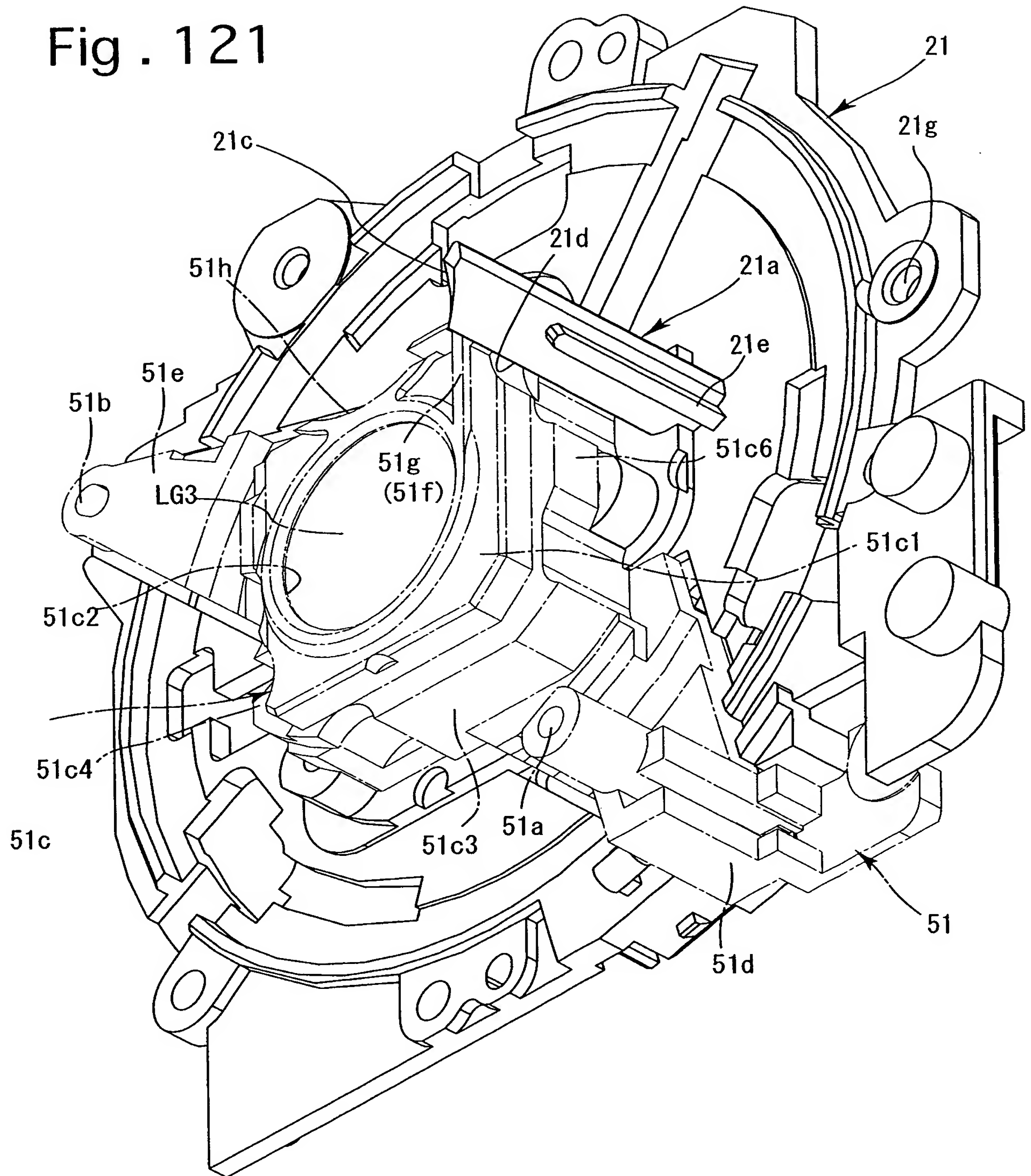
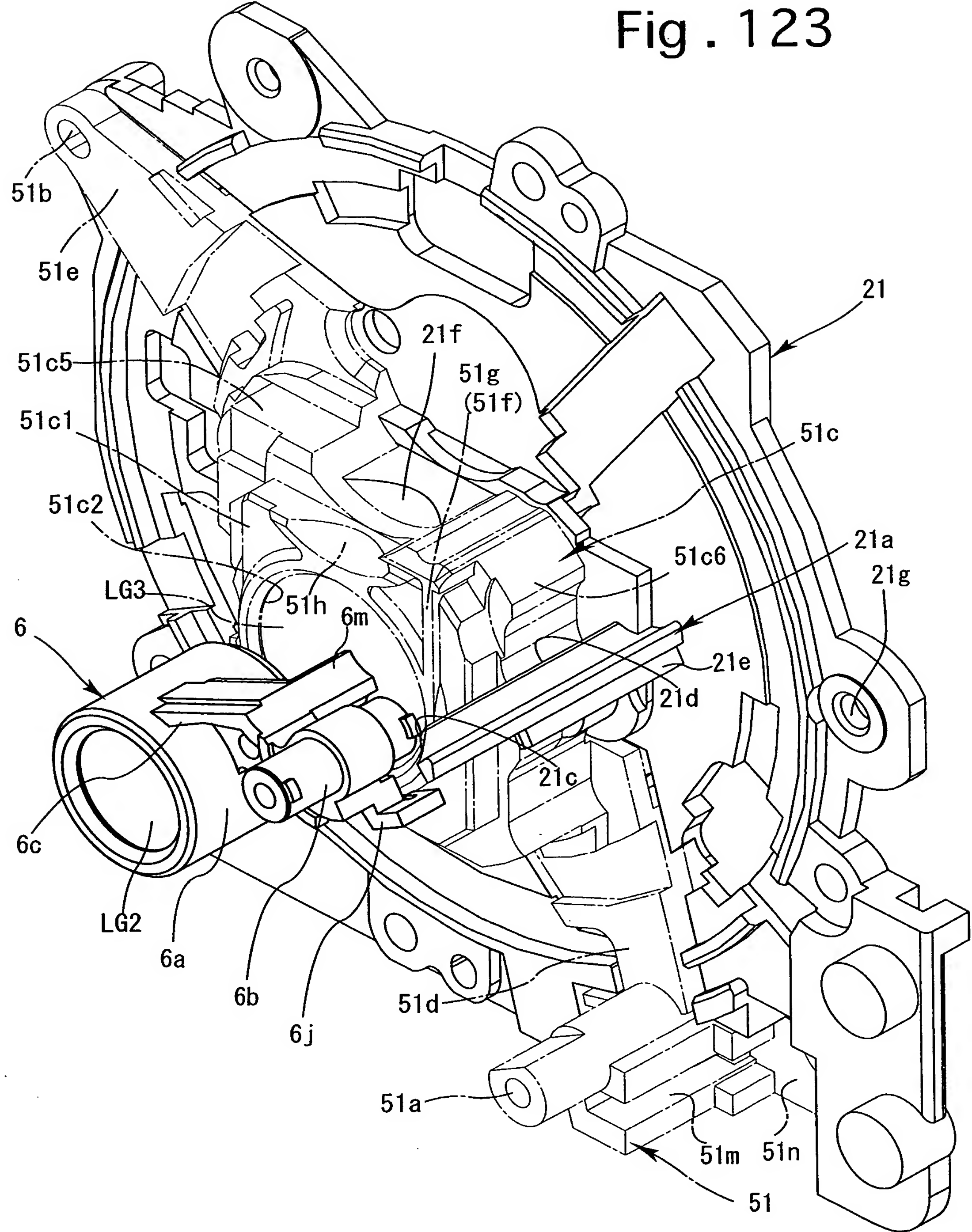


Fig . 123



4 15

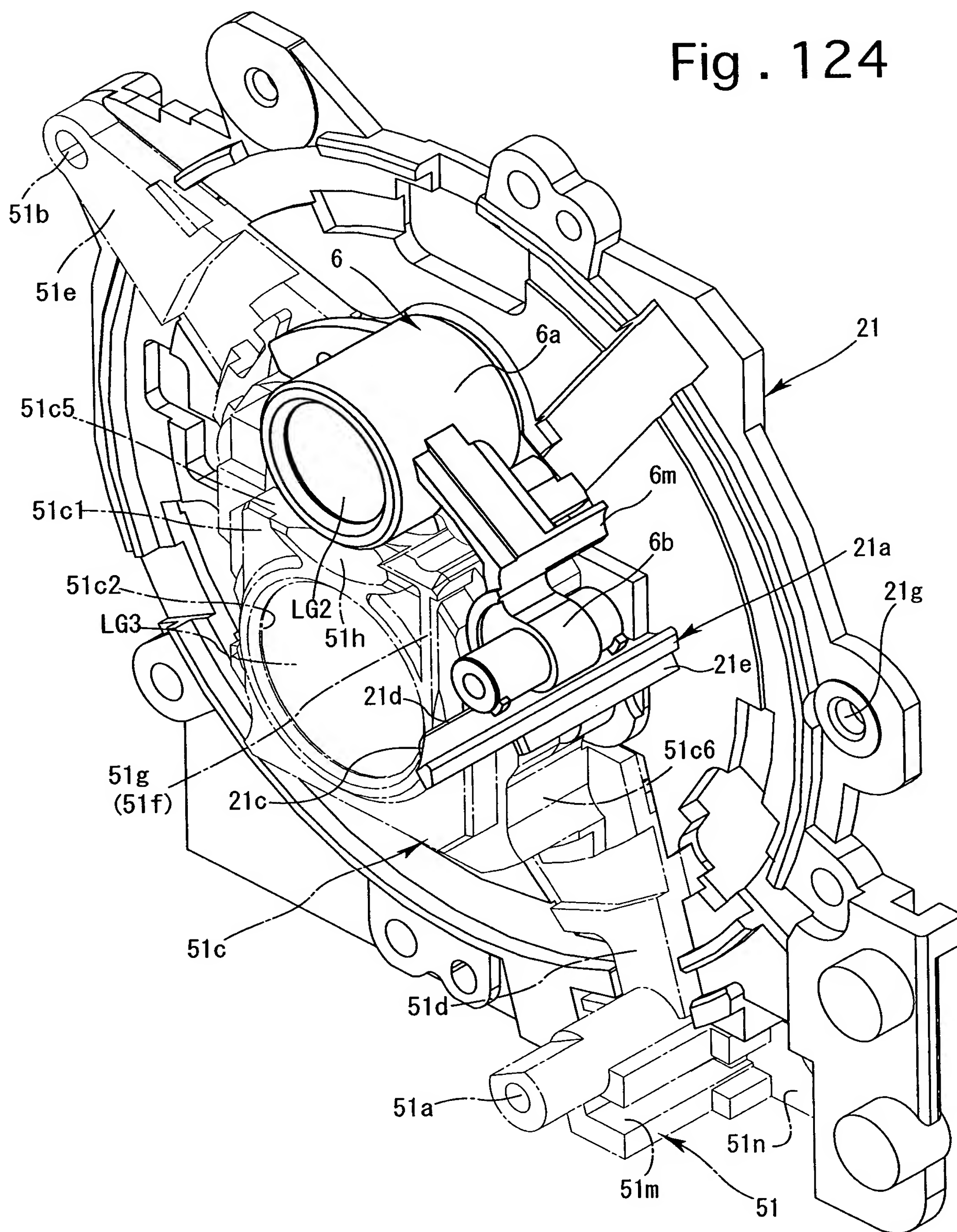


Fig. 125

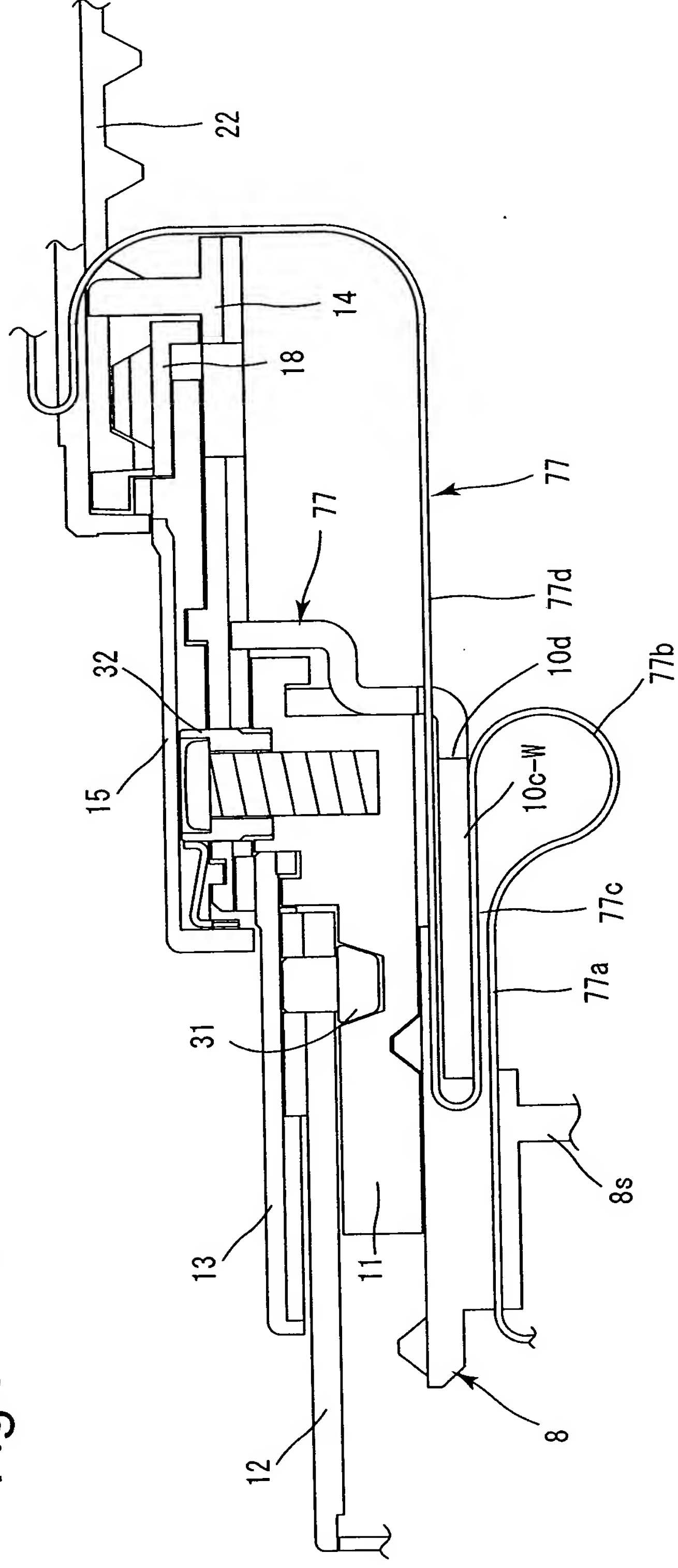


Fig . 126

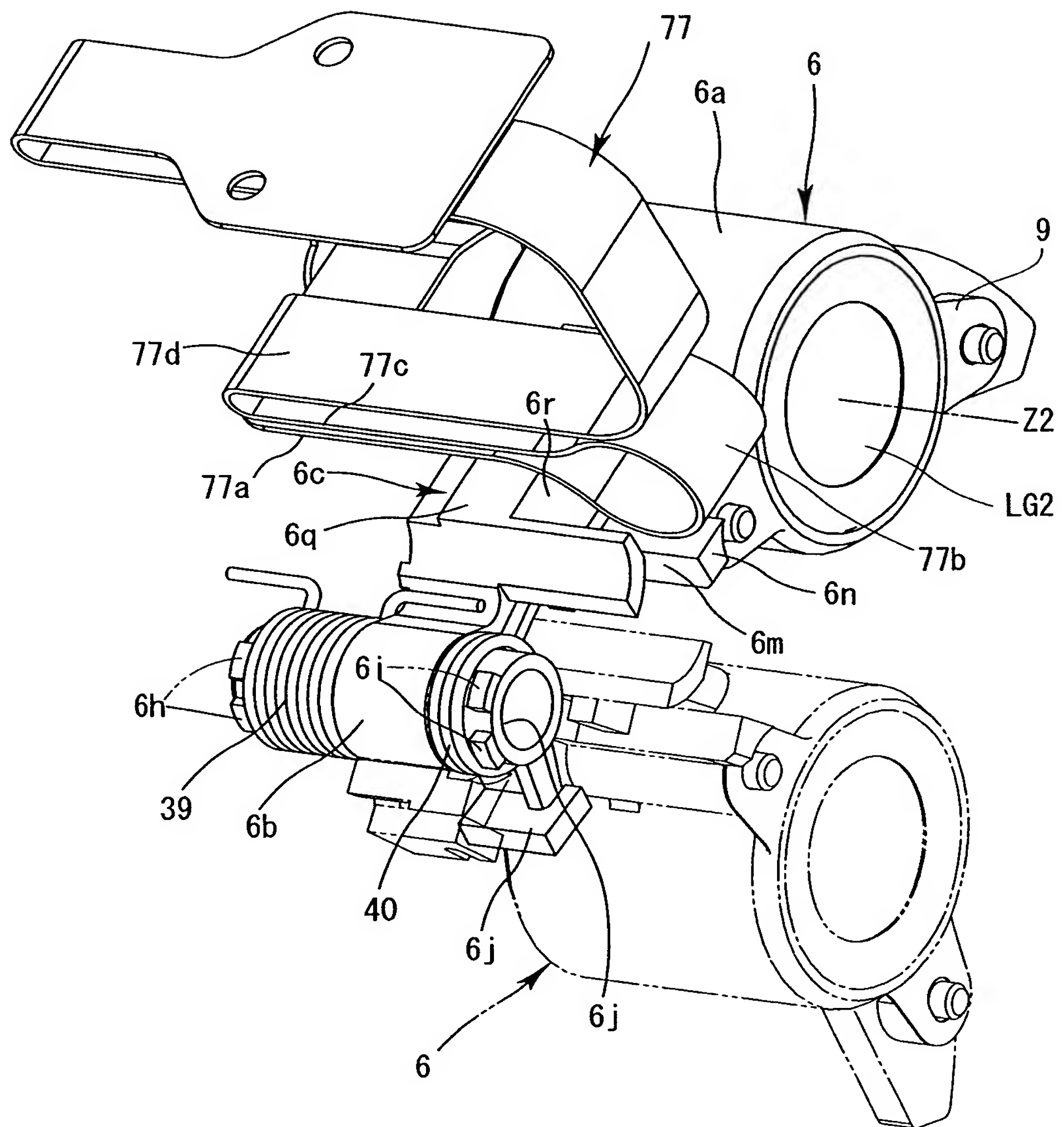


Fig . 127

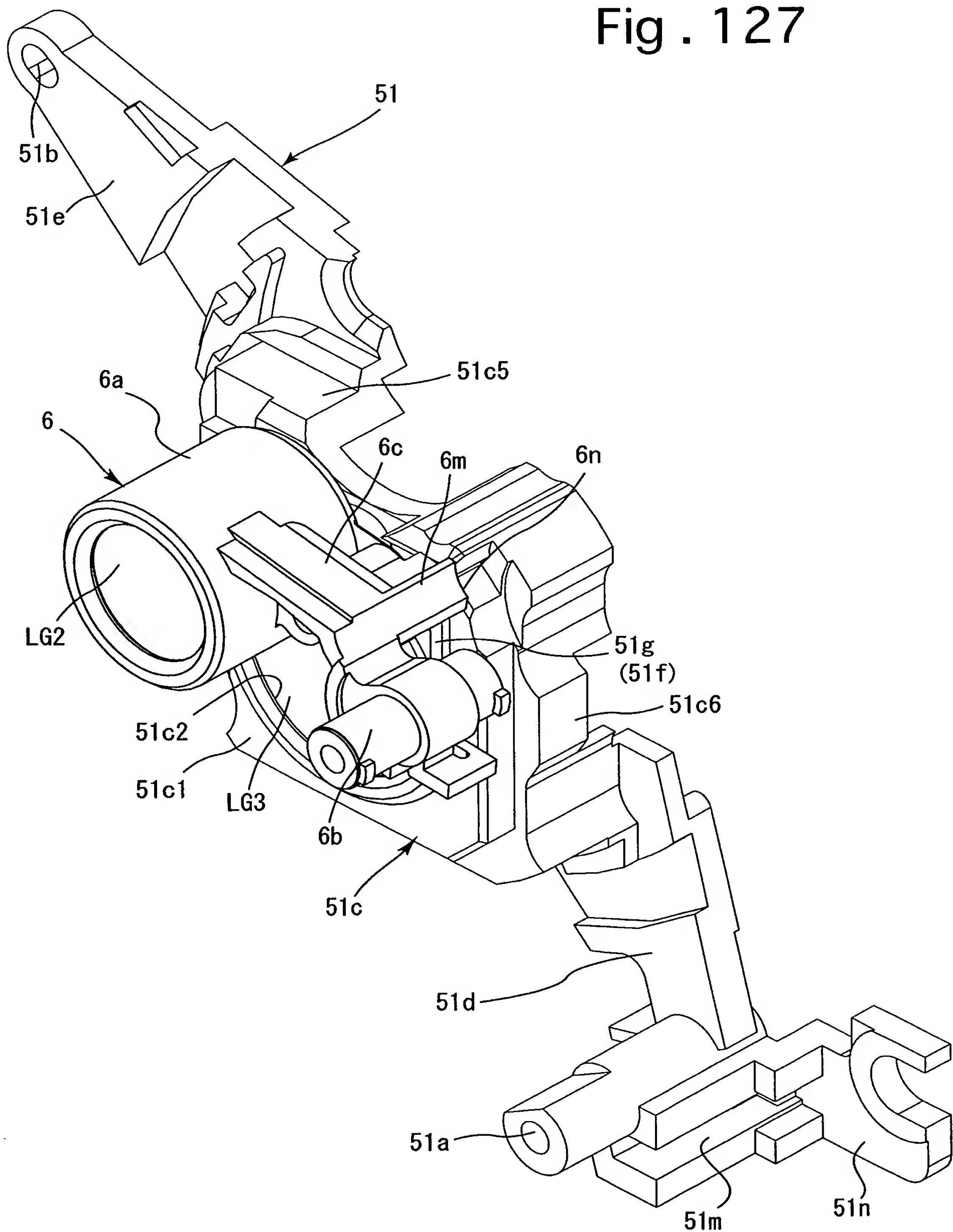


Fig . 128

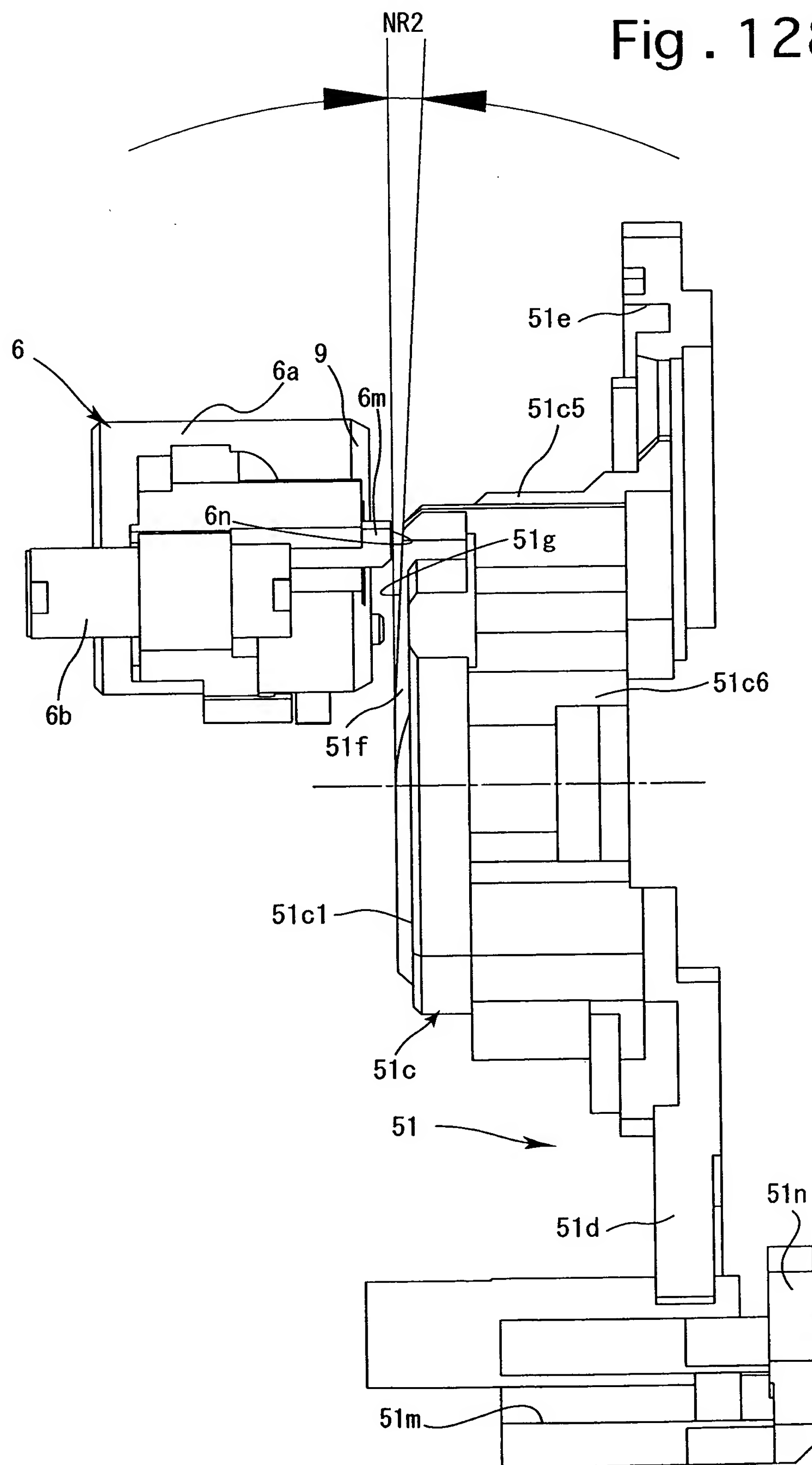
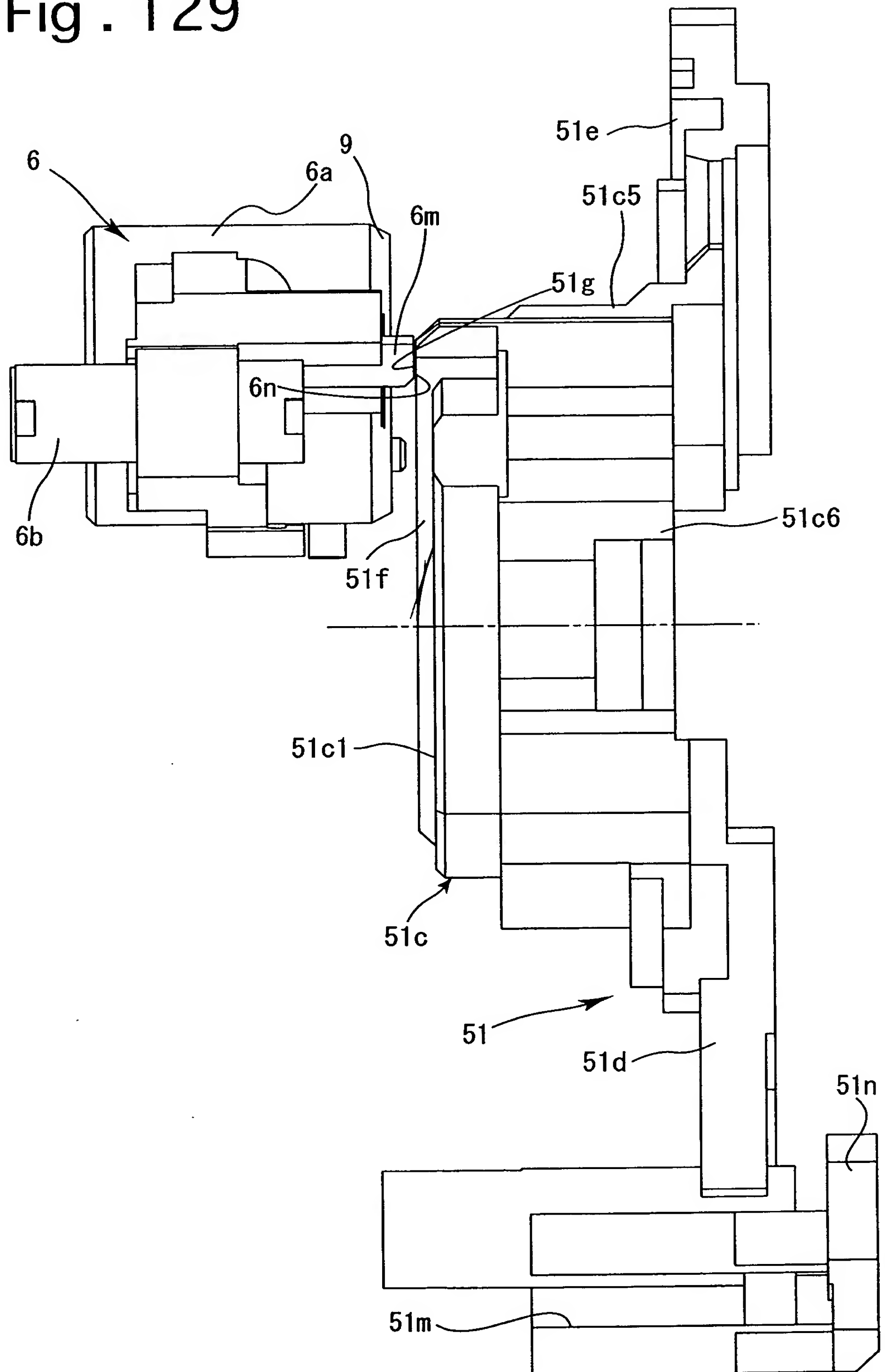


Fig . 129



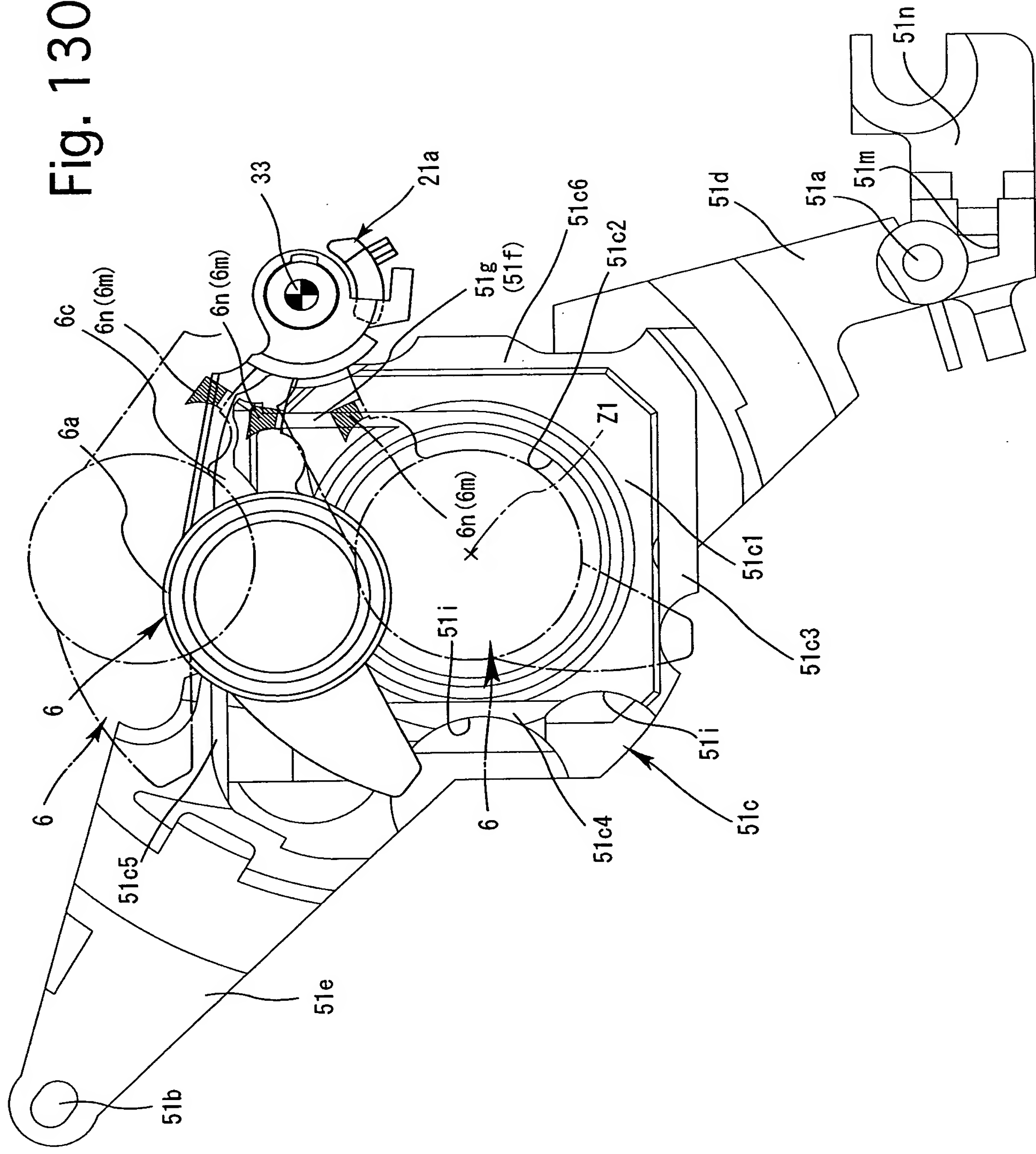


Fig. 131

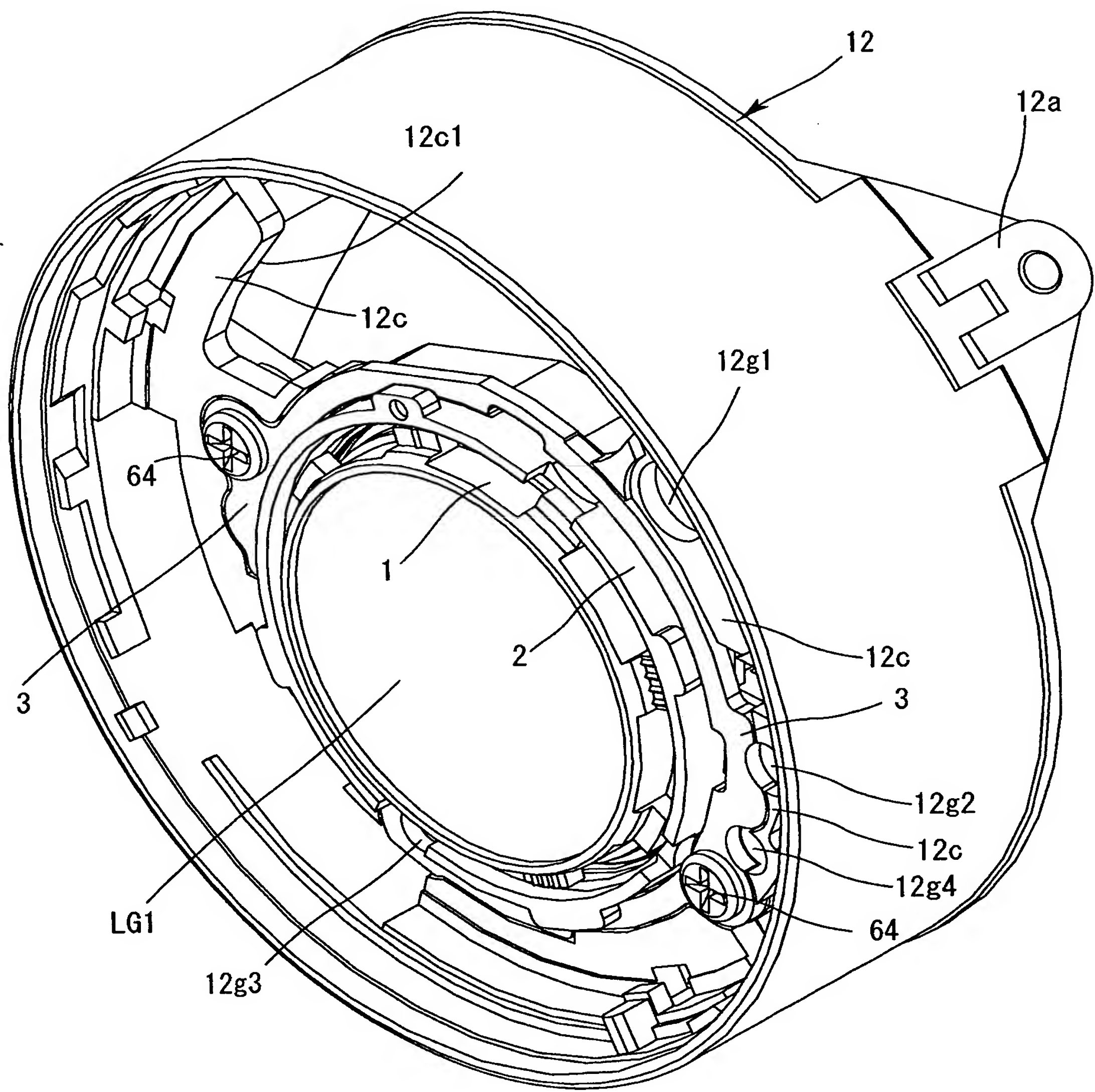


Fig. 132

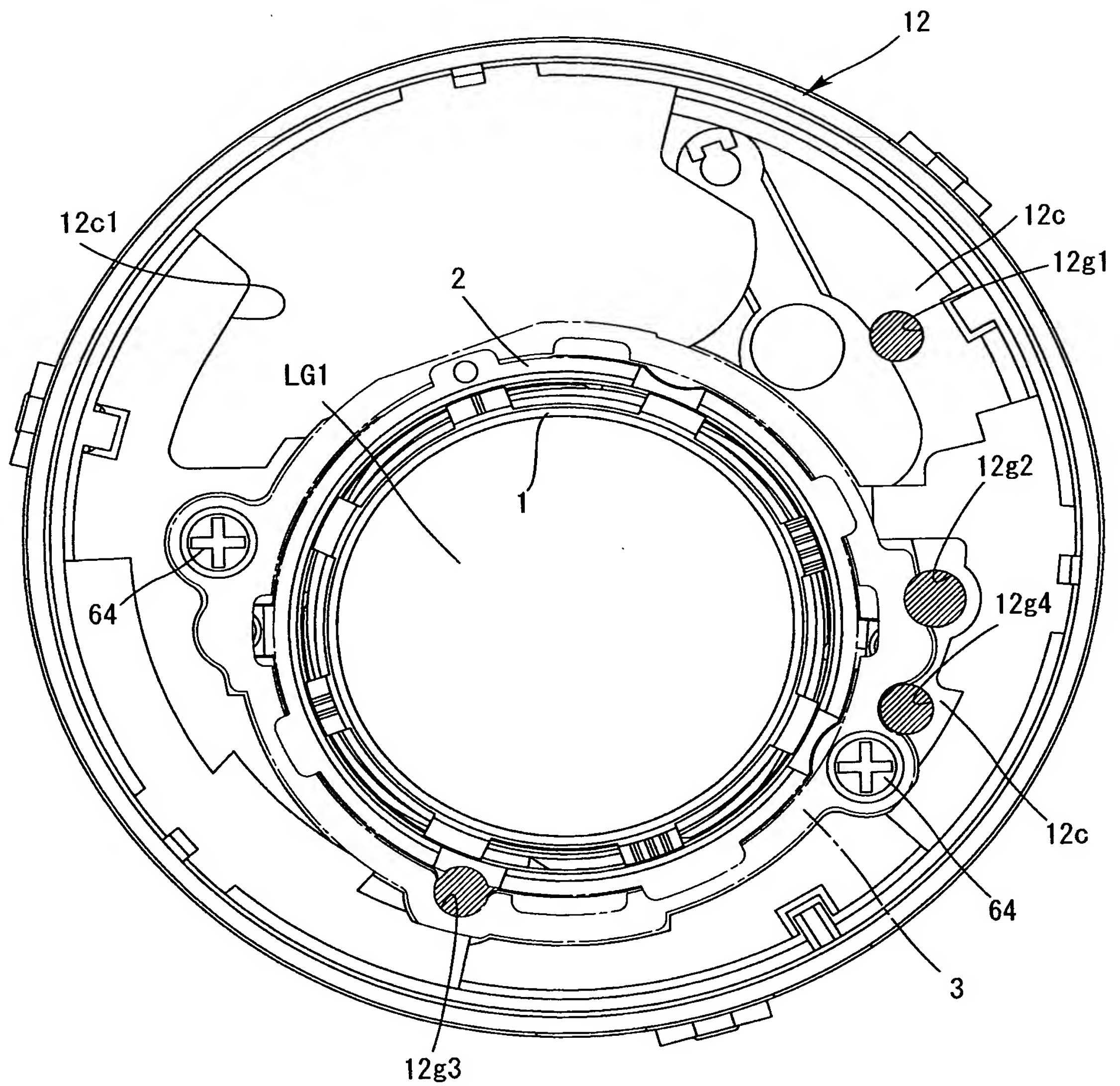


Fig. 134

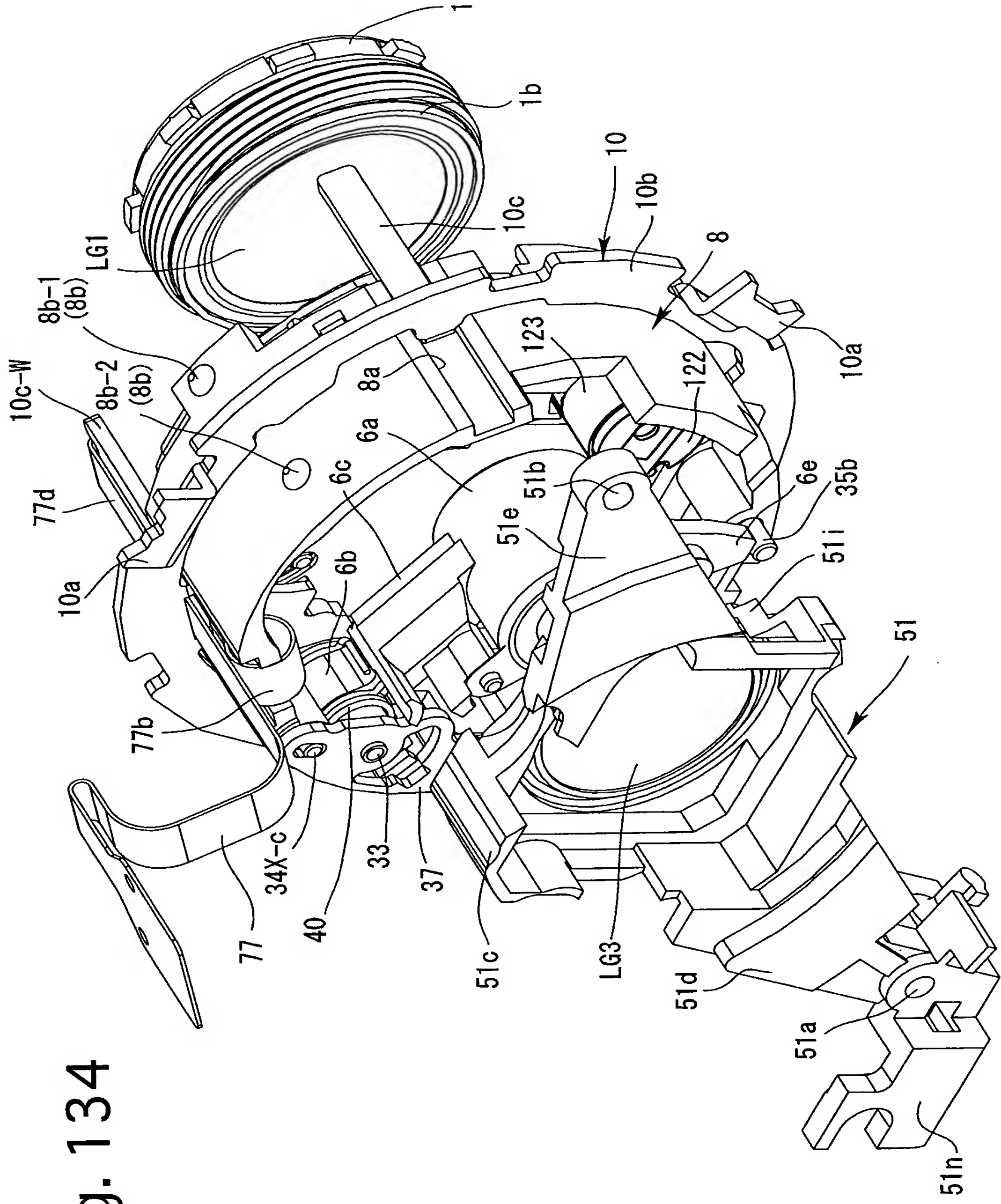


Fig. 135

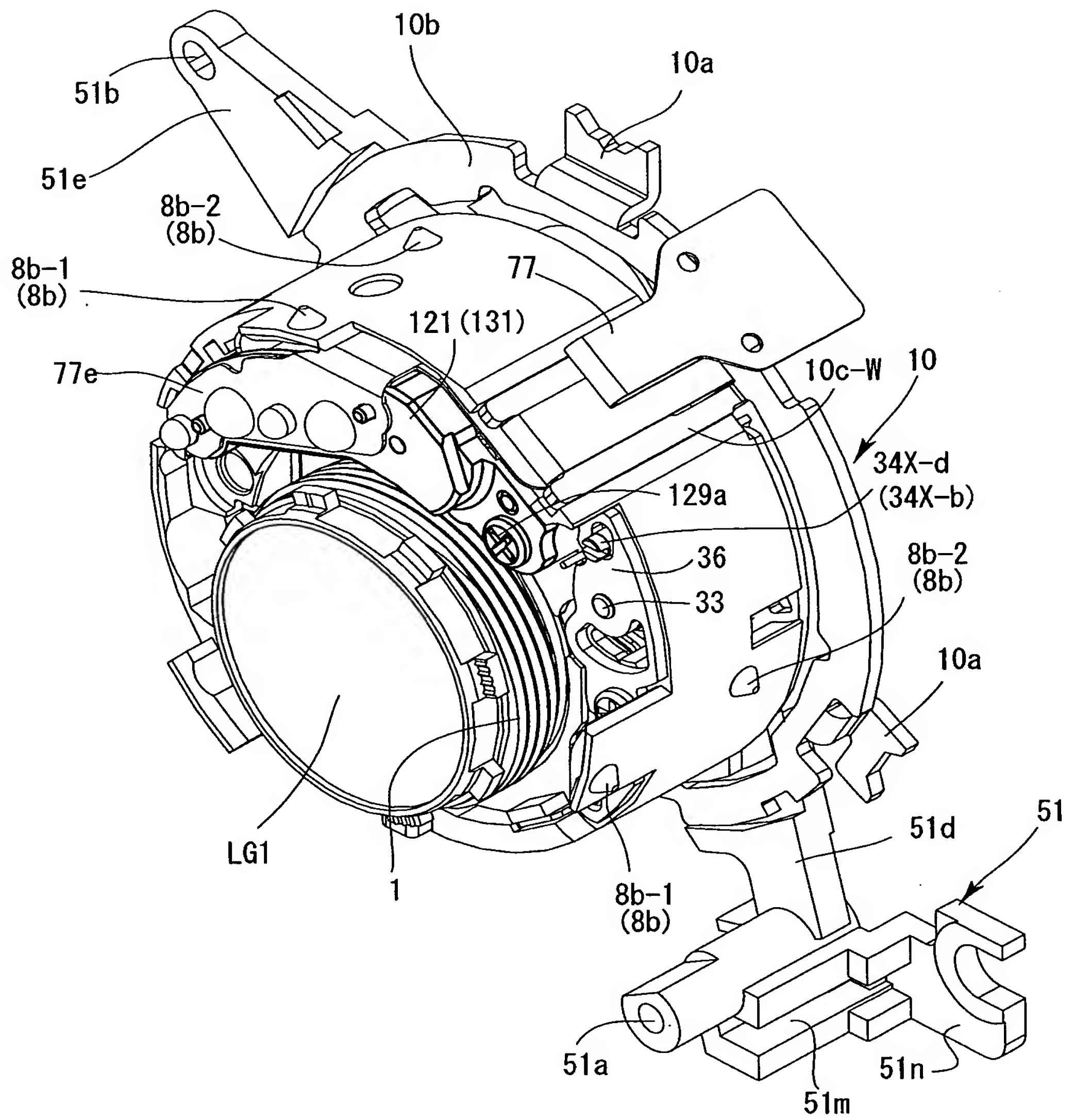


Fig. 136

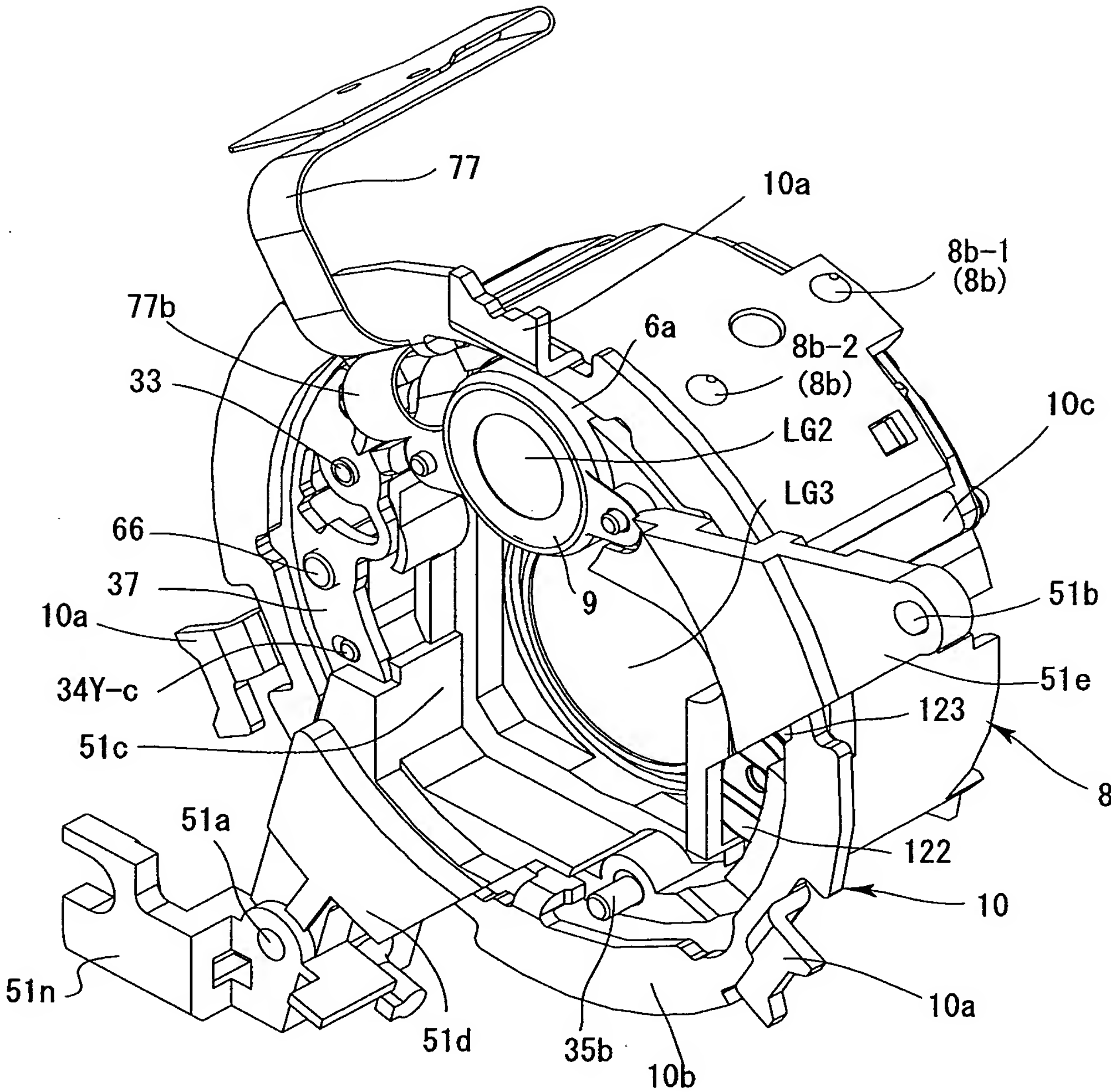


Fig. 137

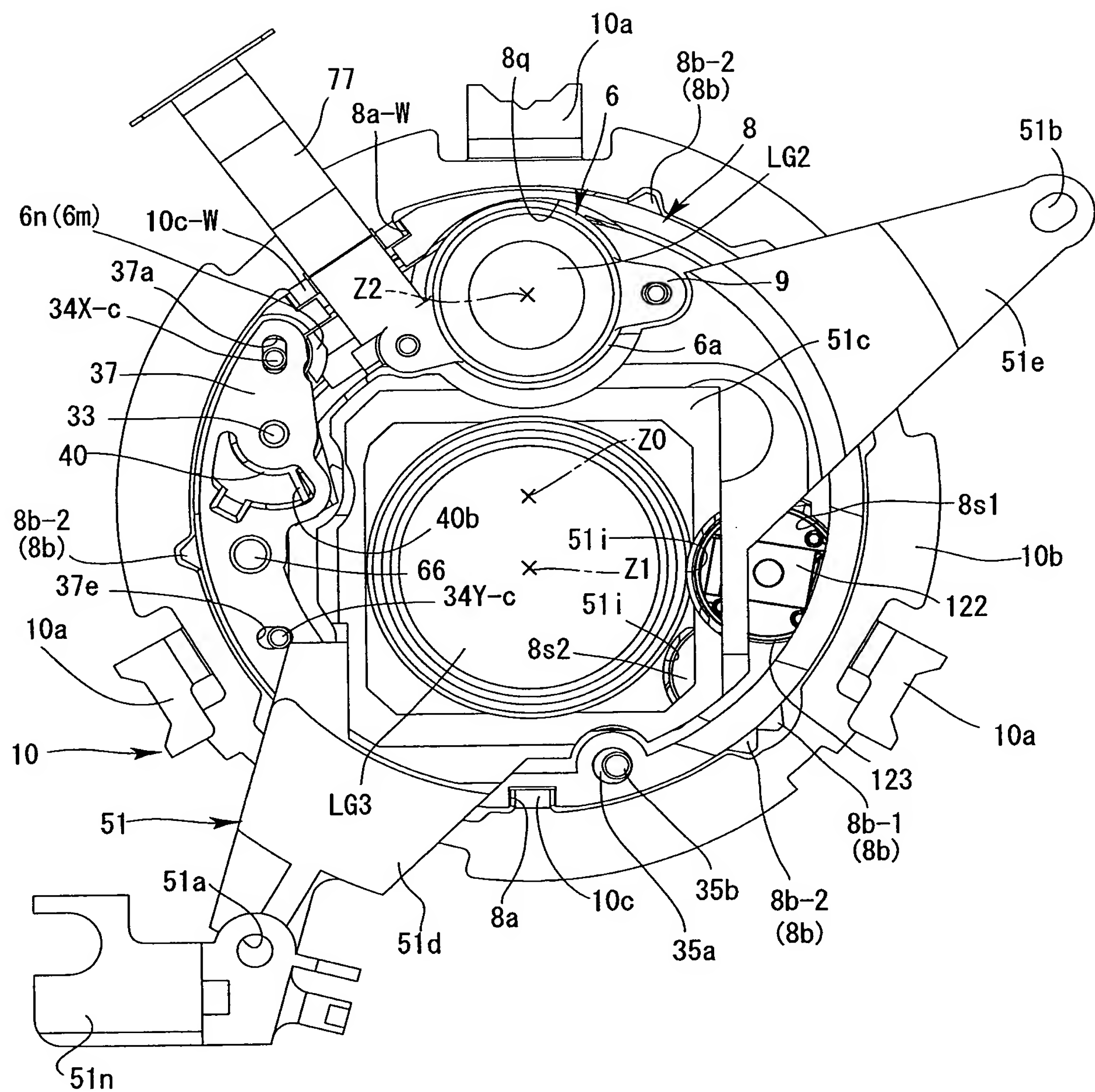


Fig. 138

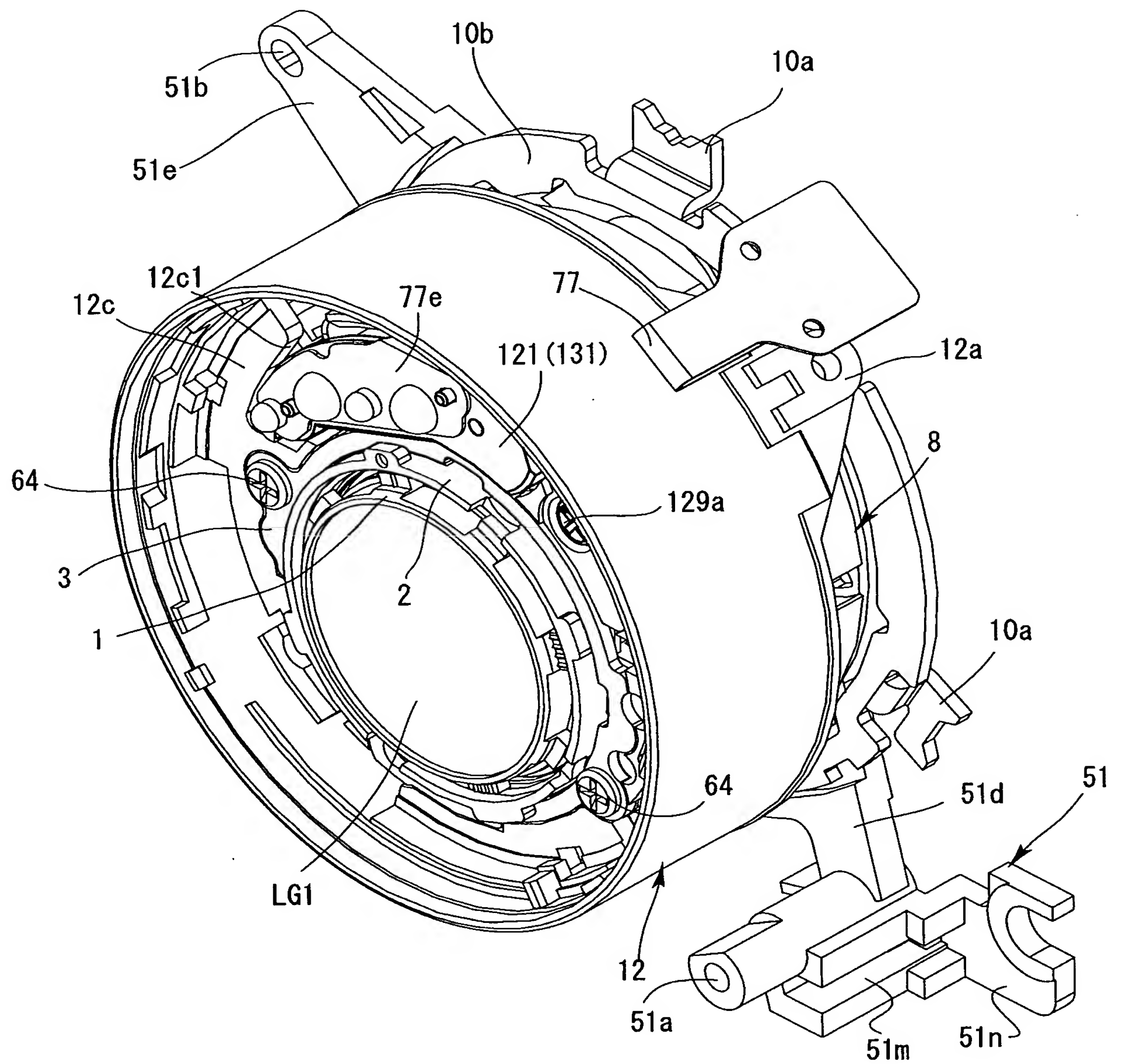


Fig. 139

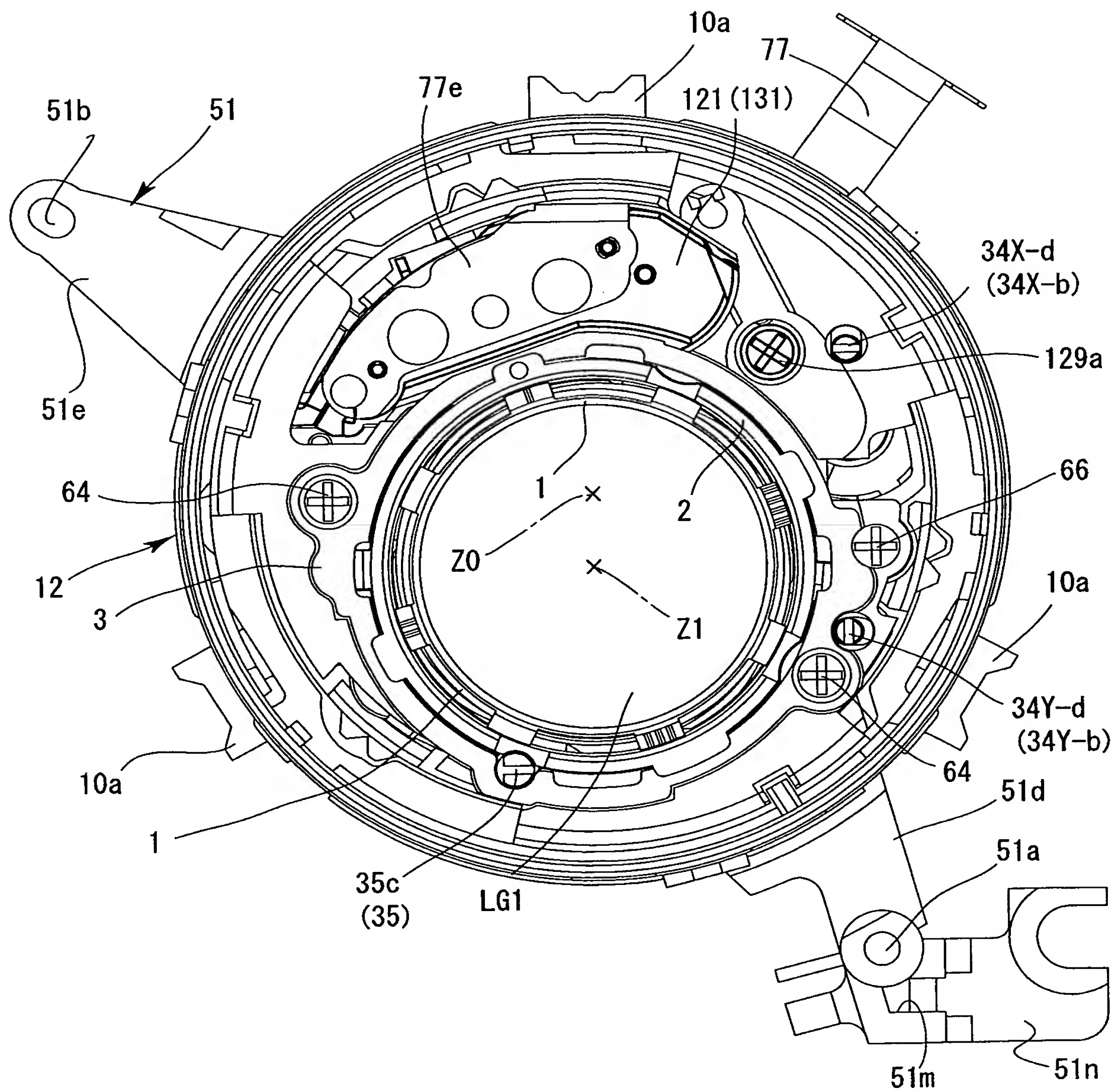


Fig. 140

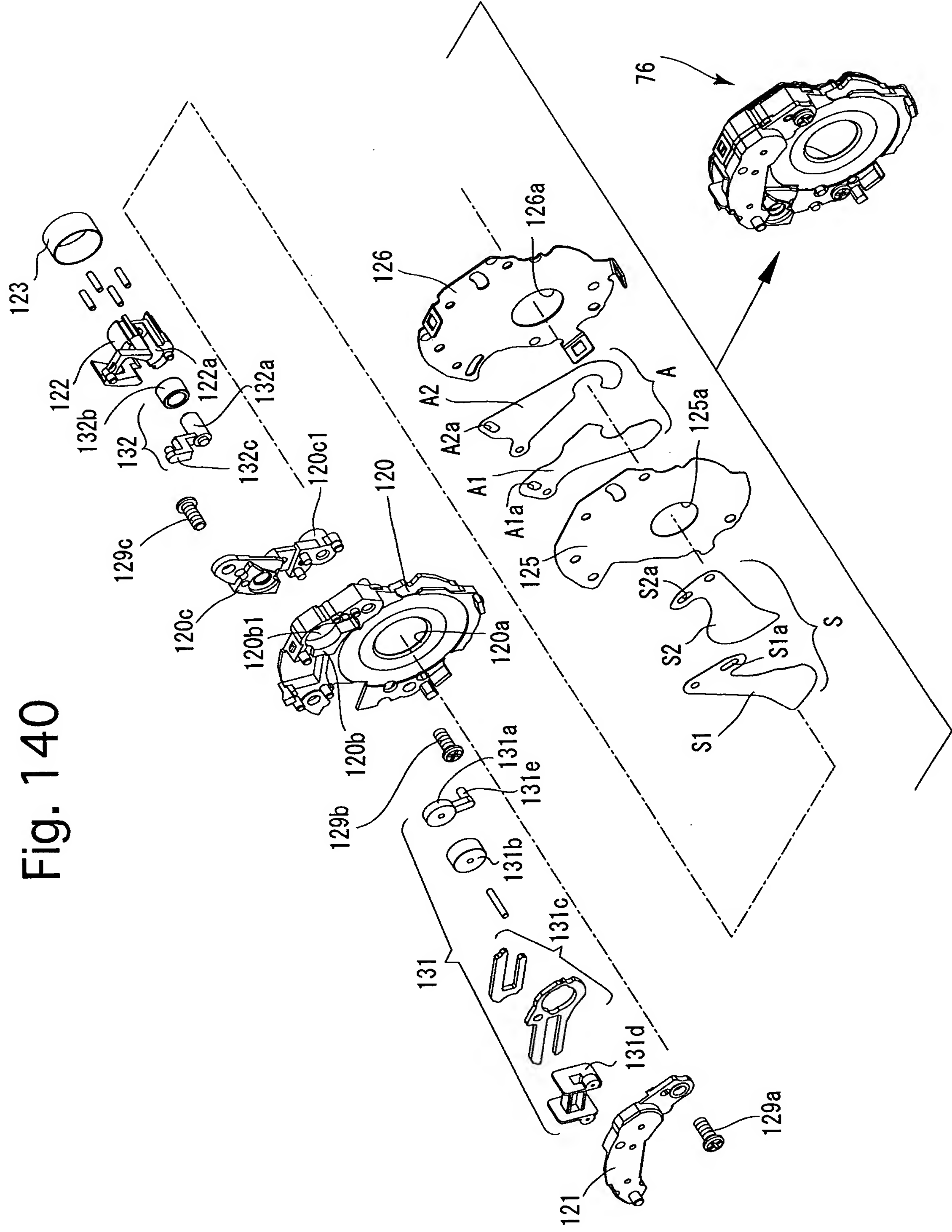


Fig. 142

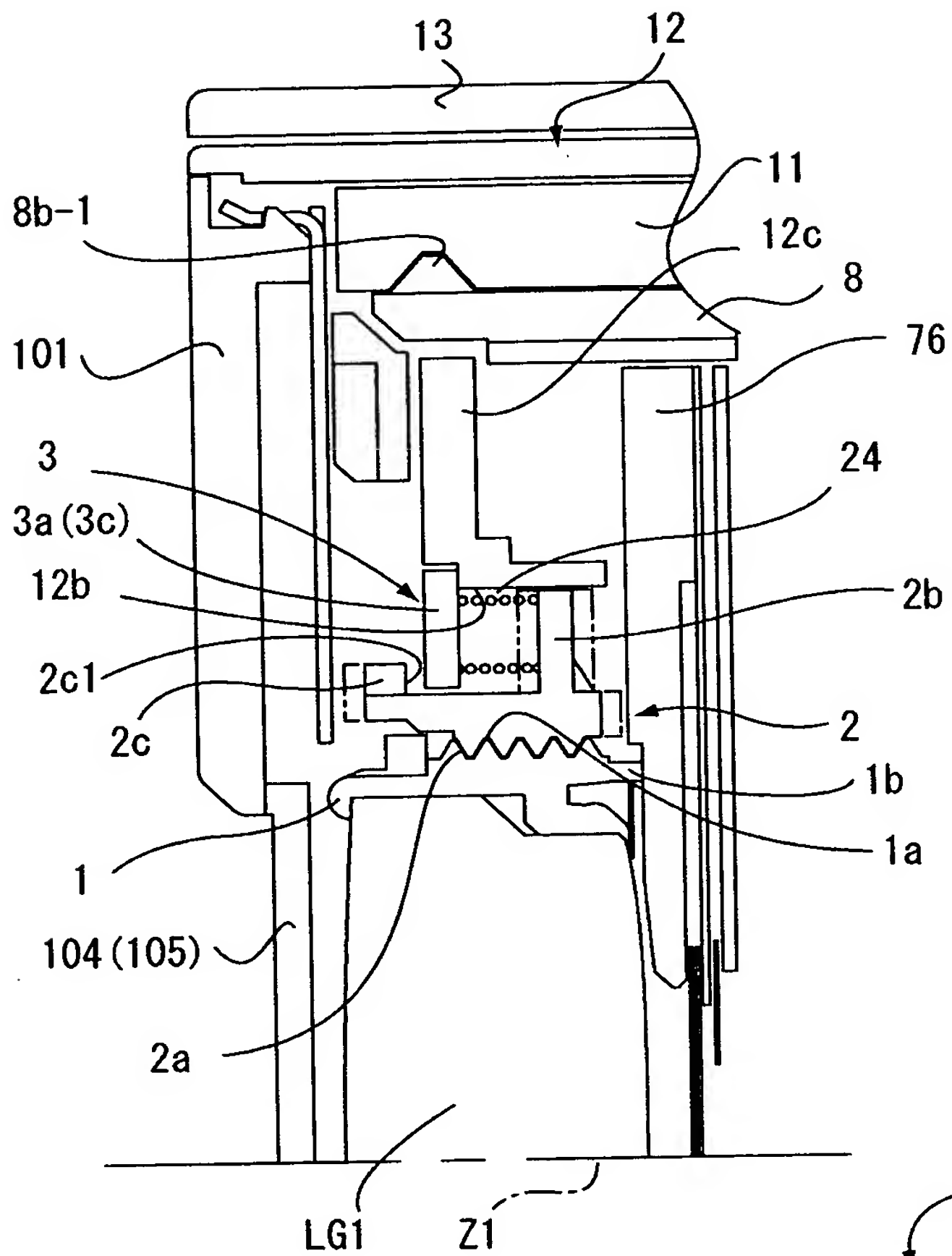


Fig. 141

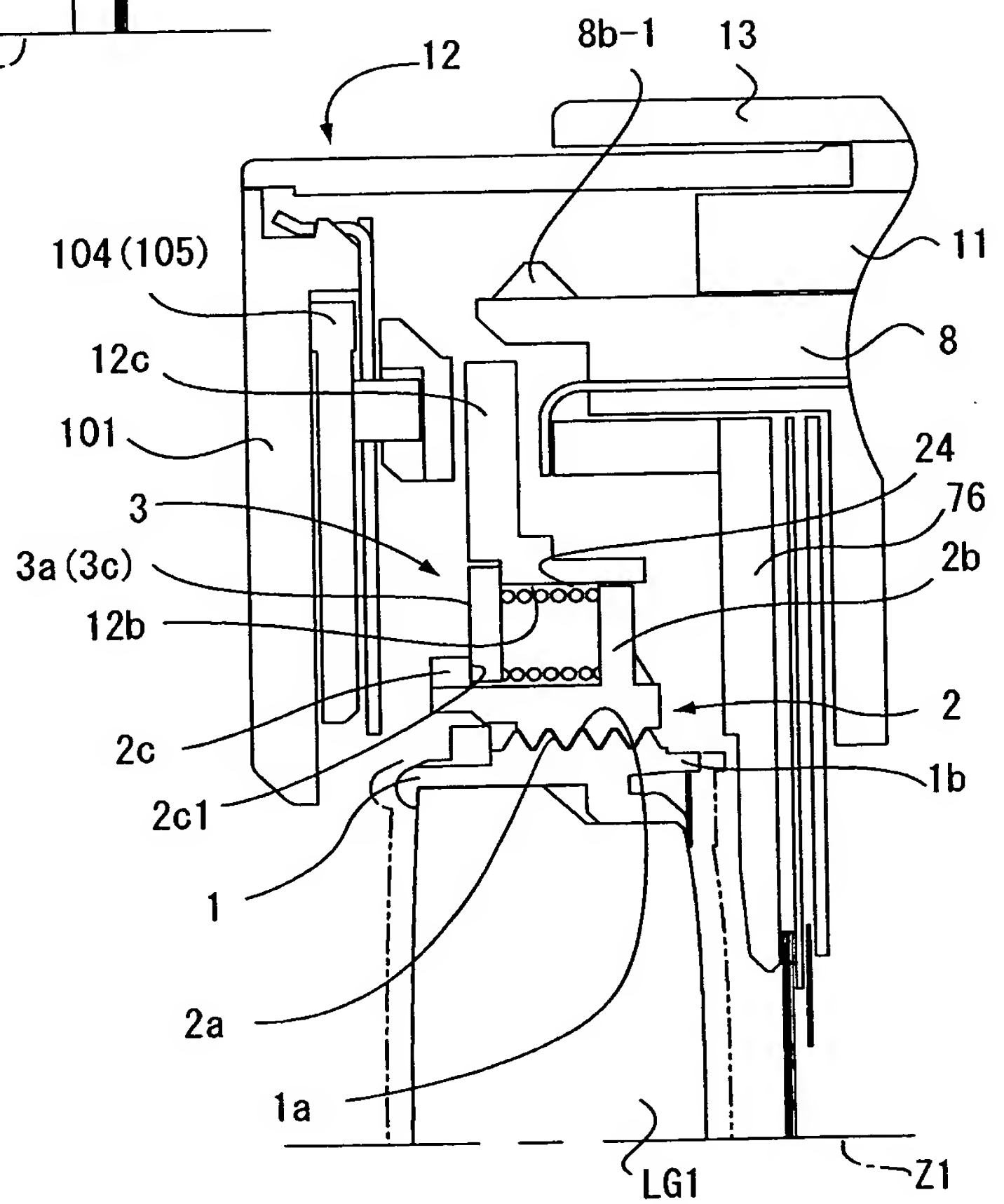


Fig. 143

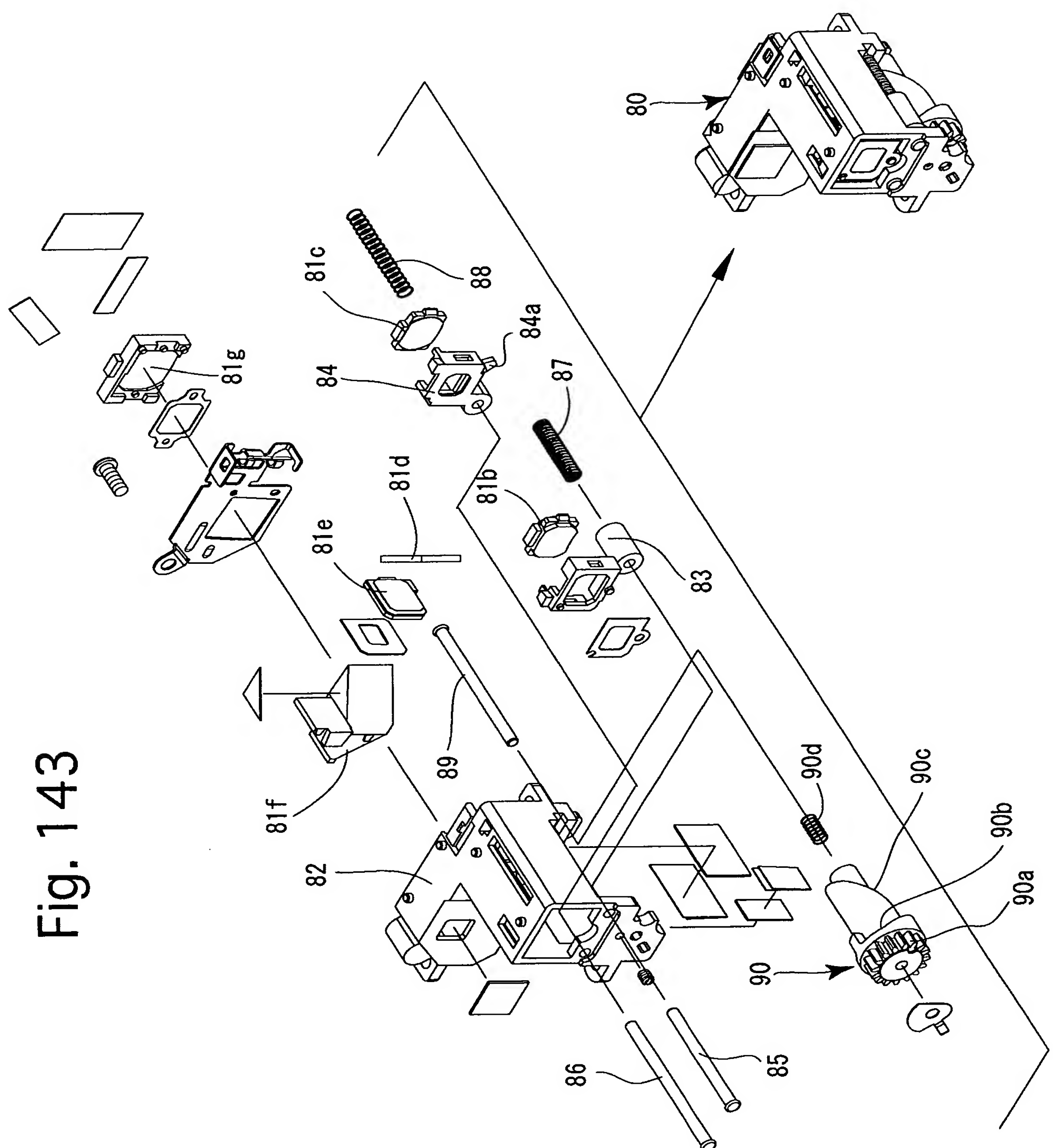


Fig. 144

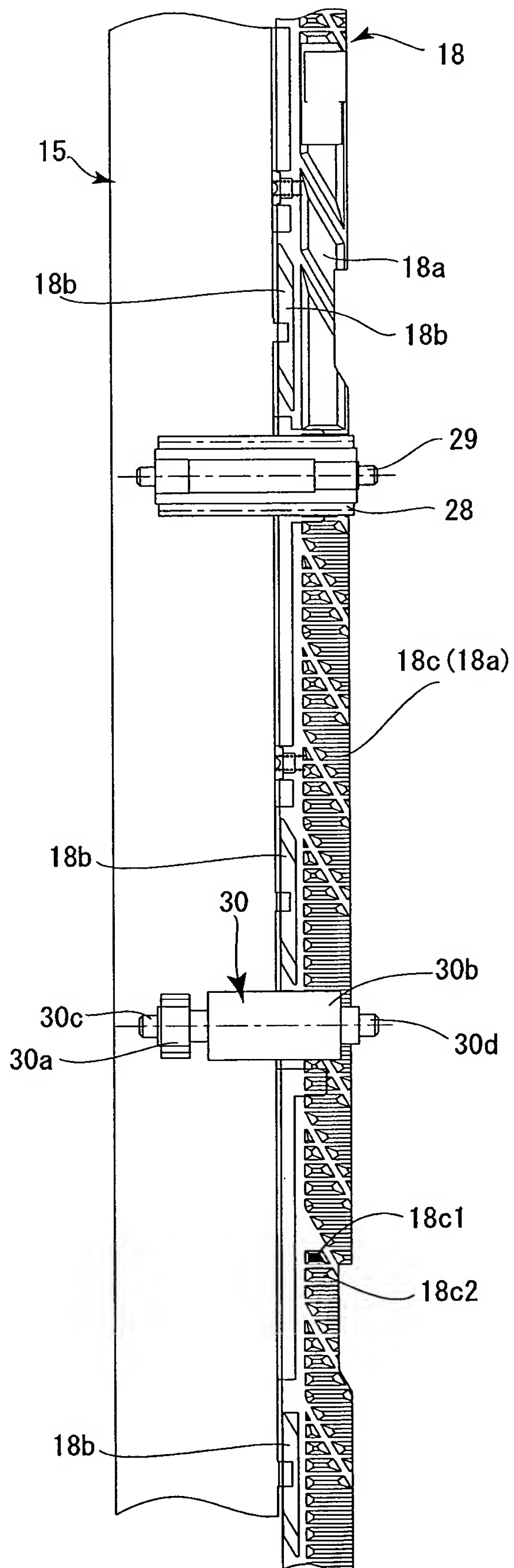


Fig. 145

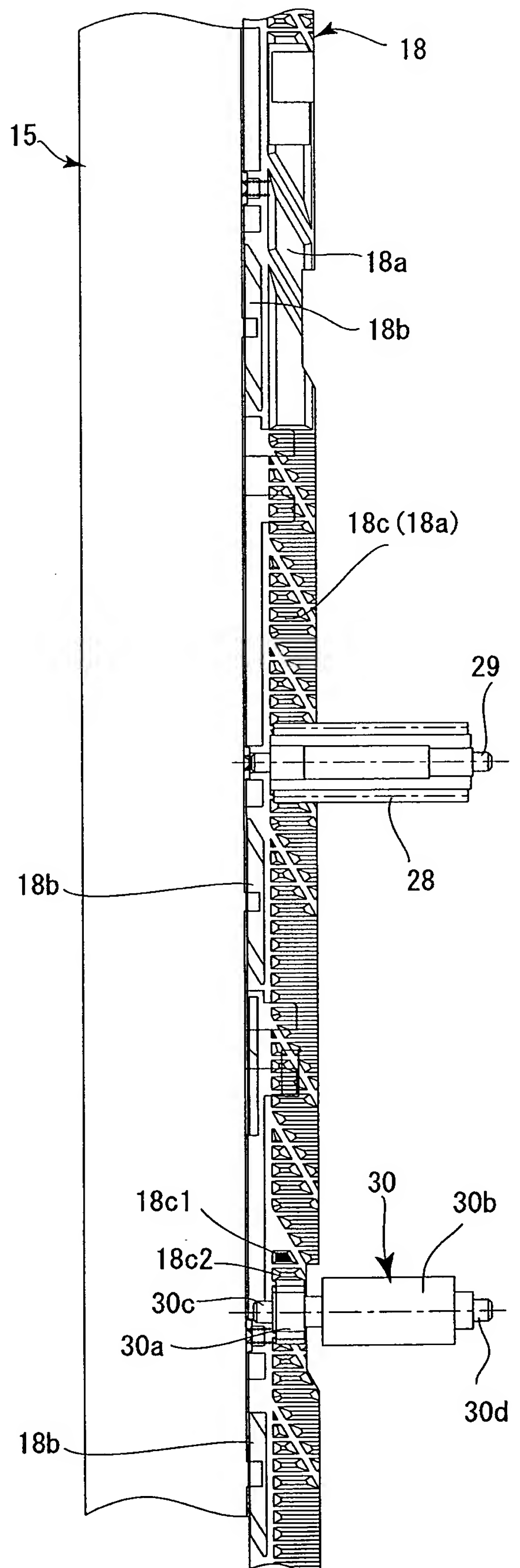


Fig. 146

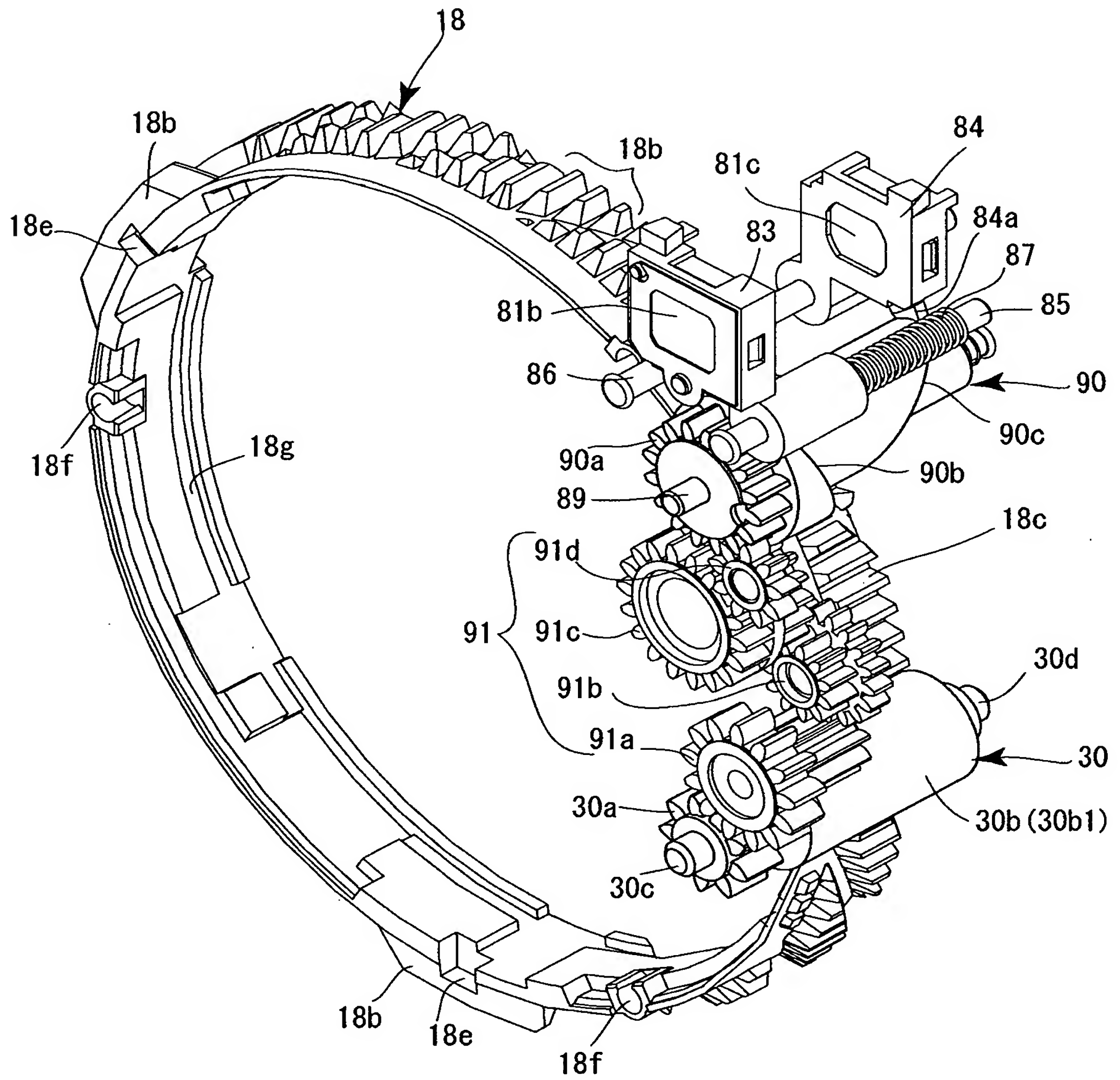


Fig. 147

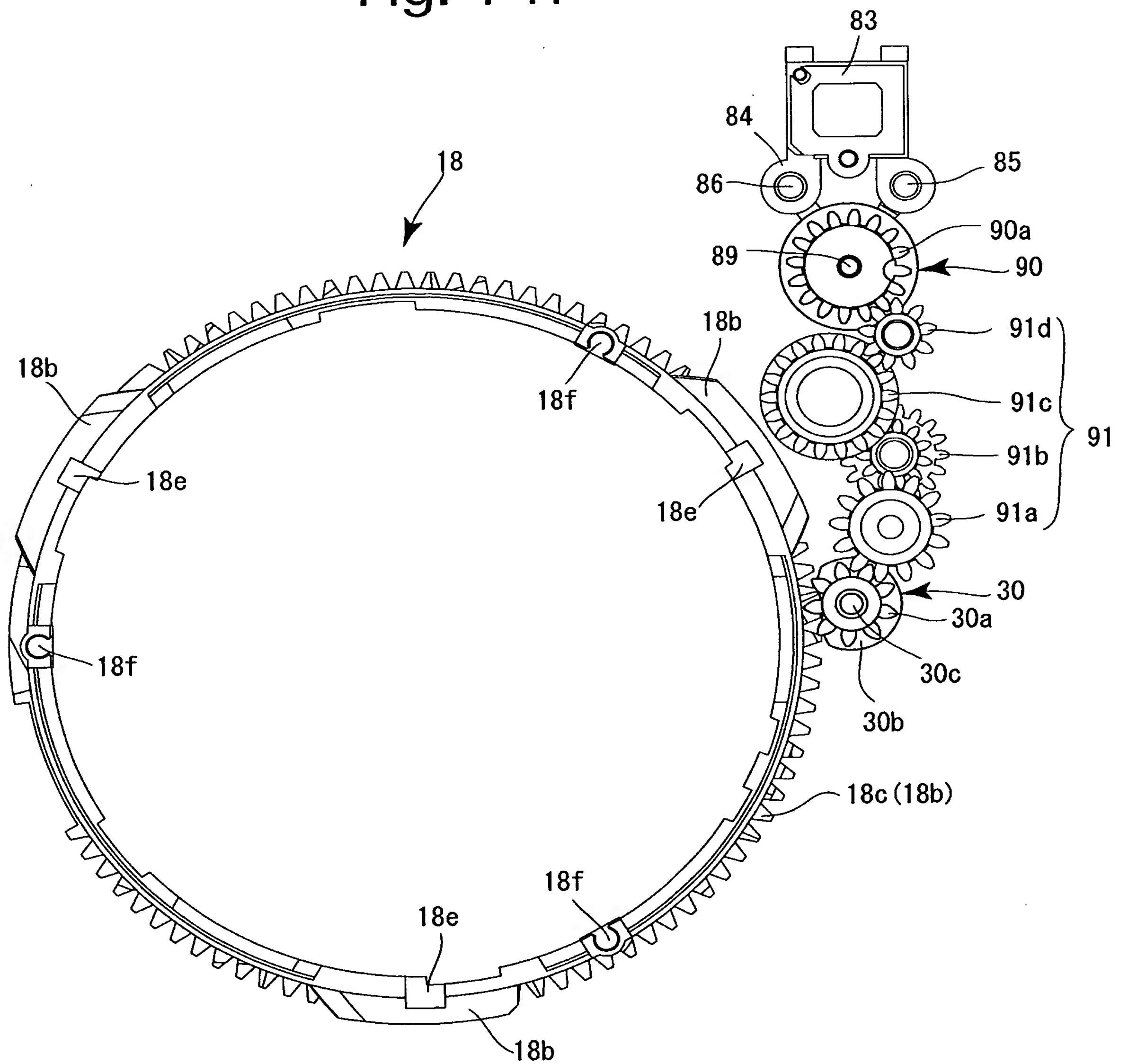


Fig. 148

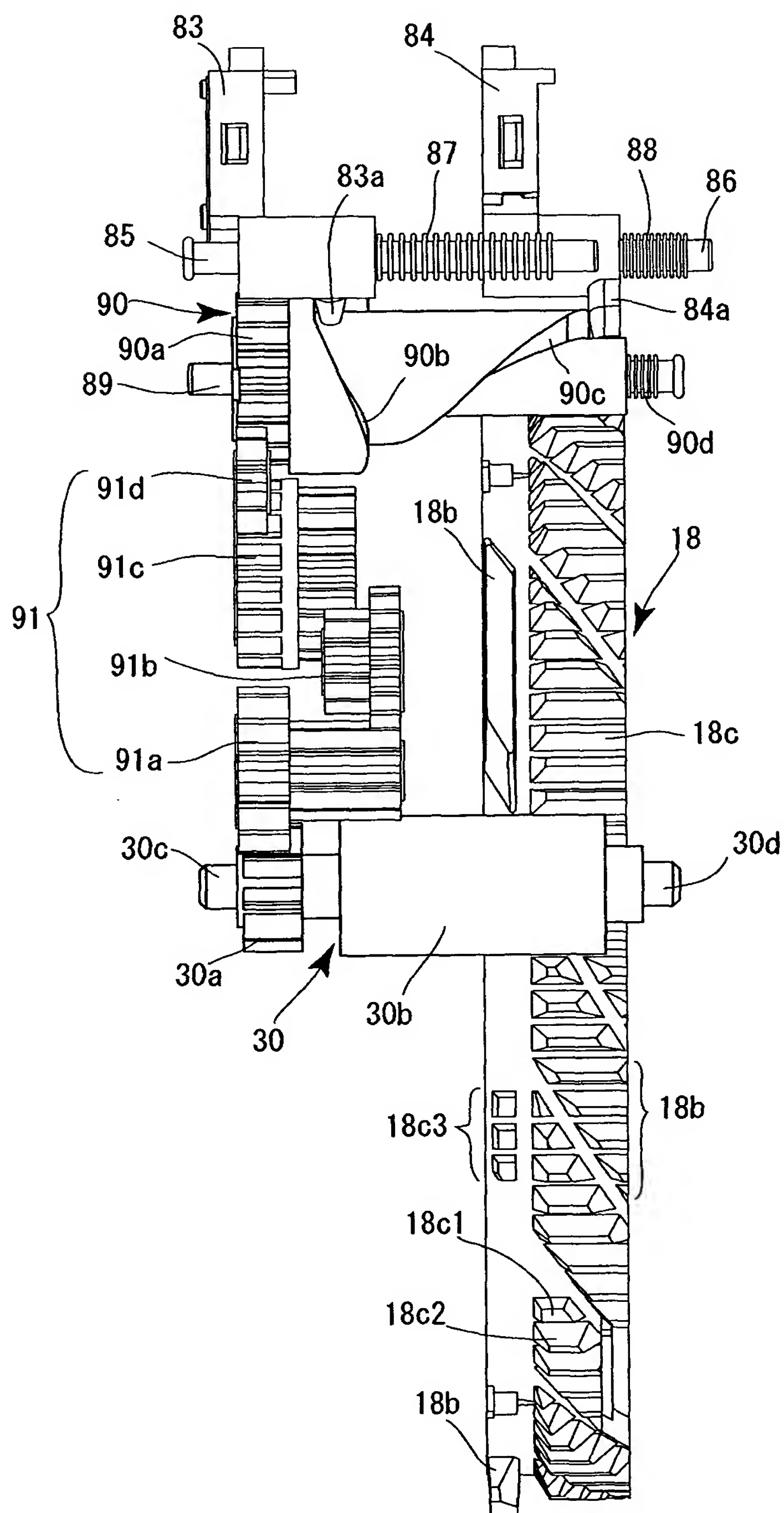
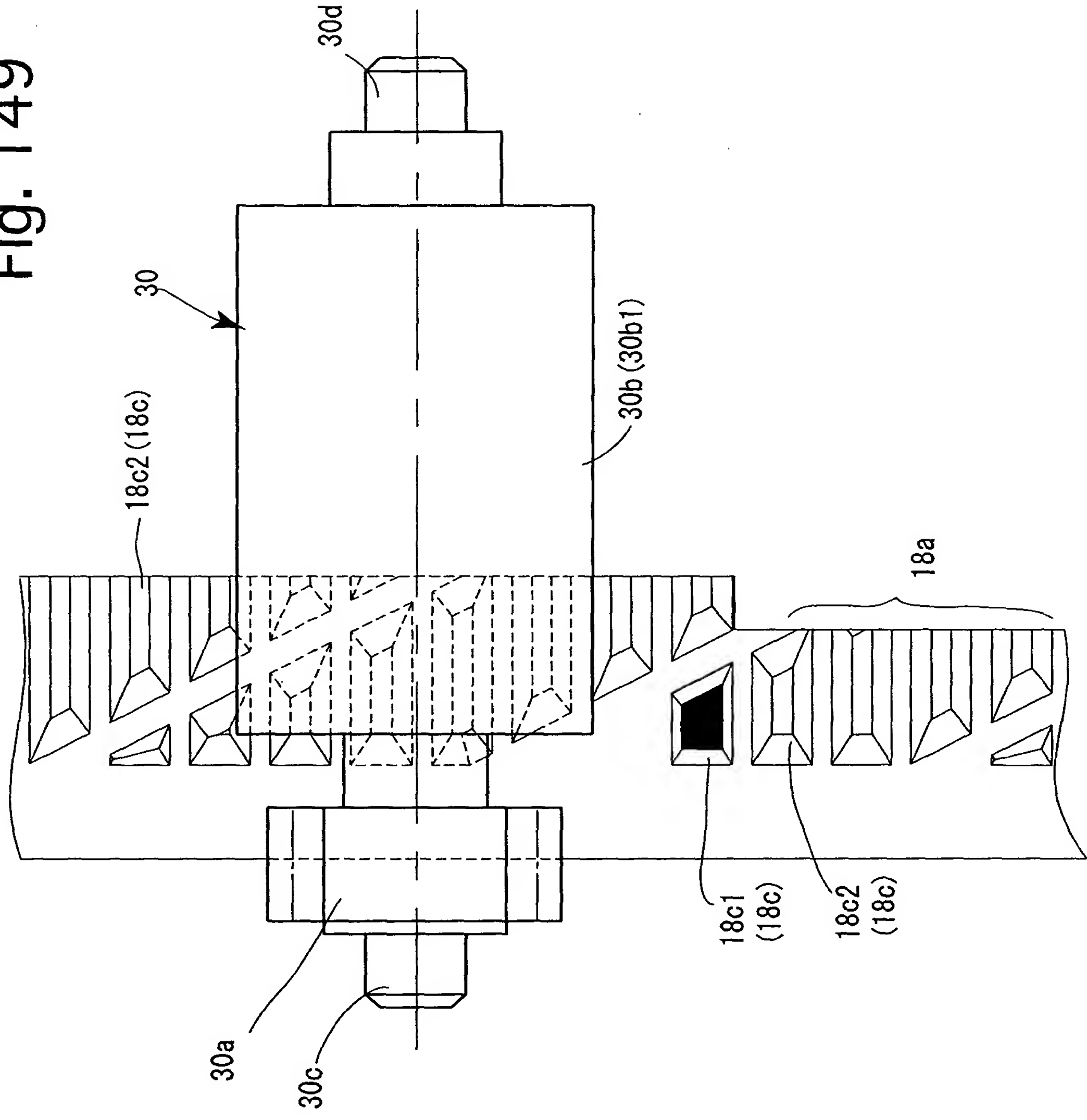
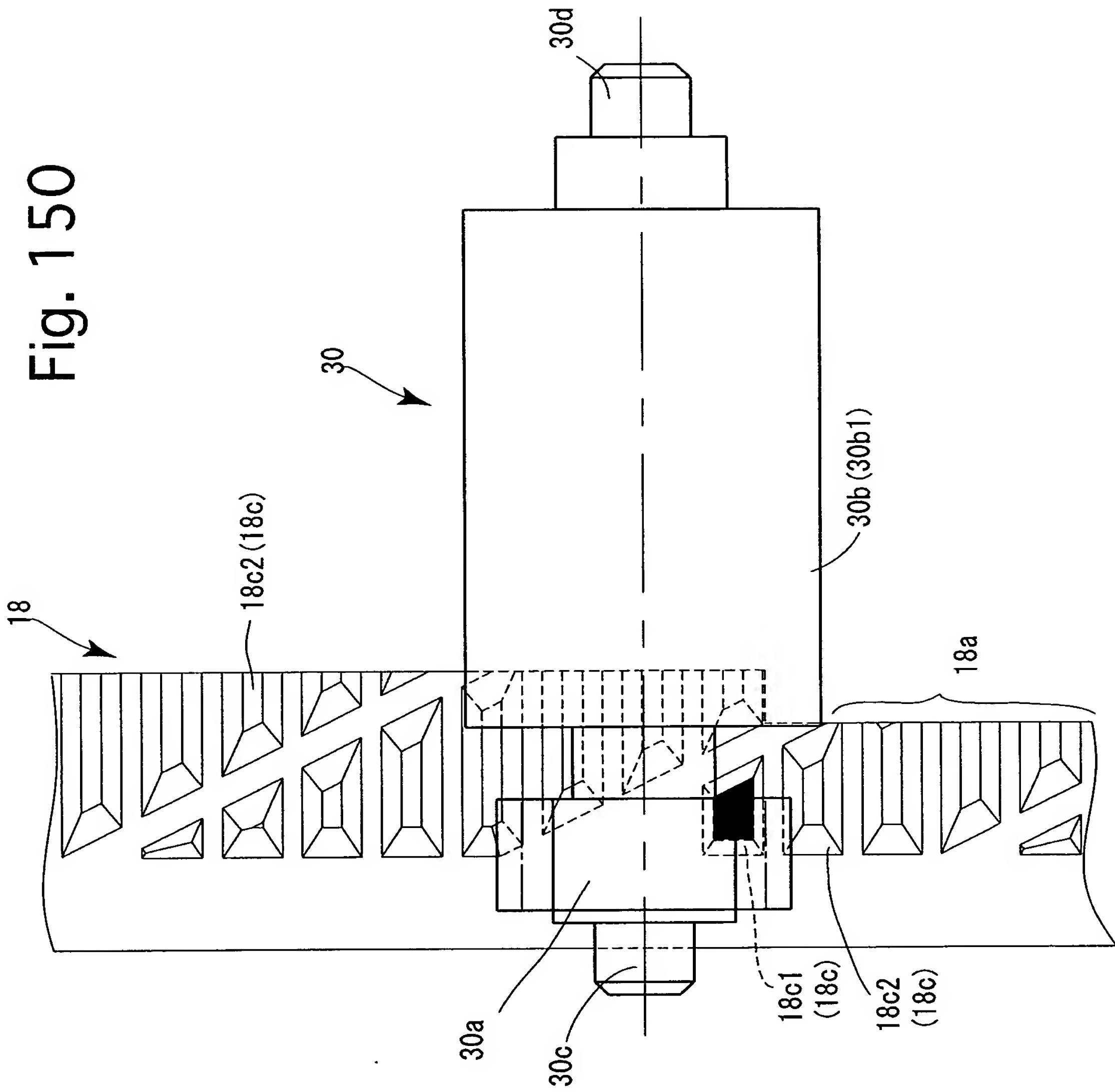
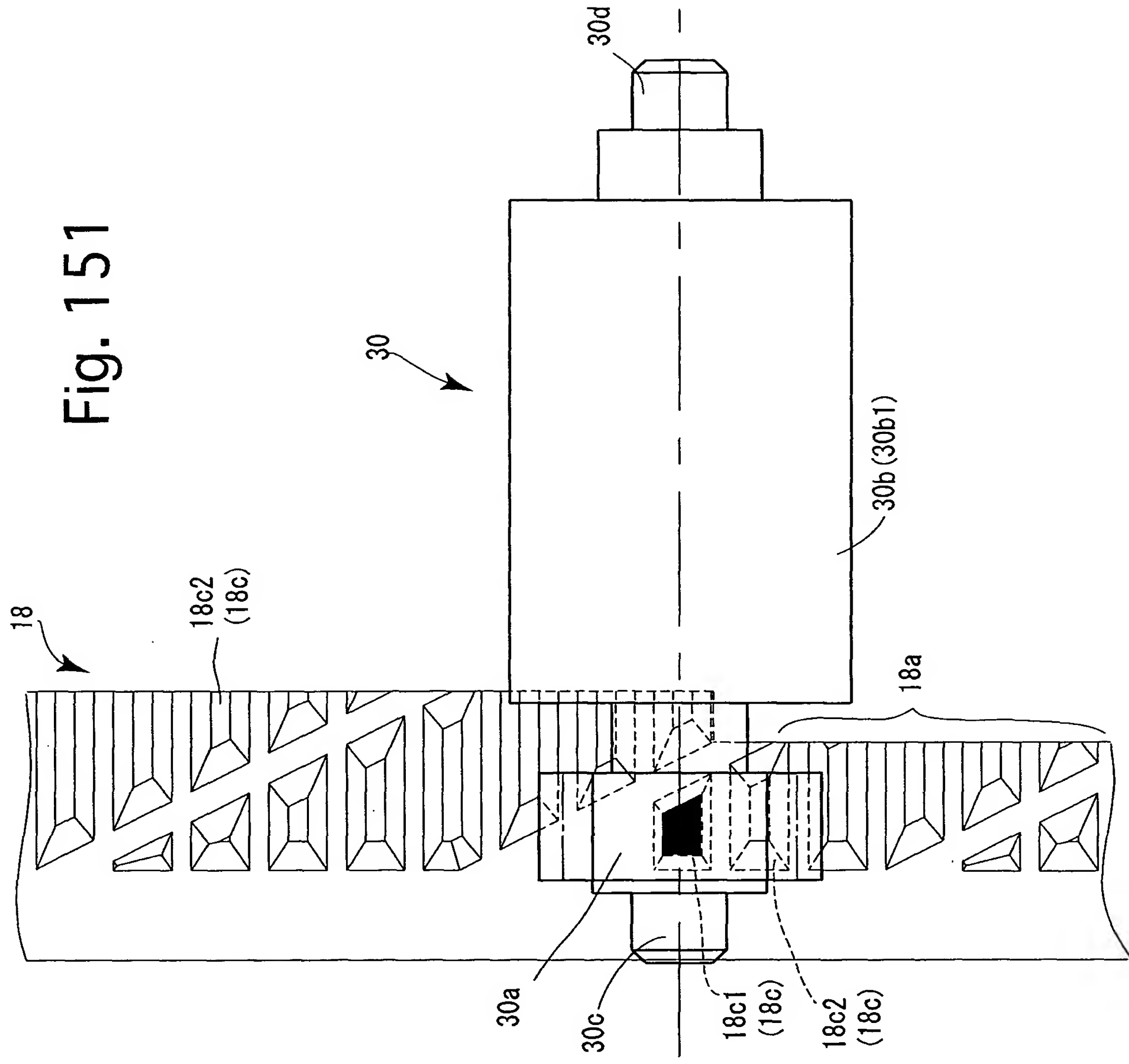


Fig. 149







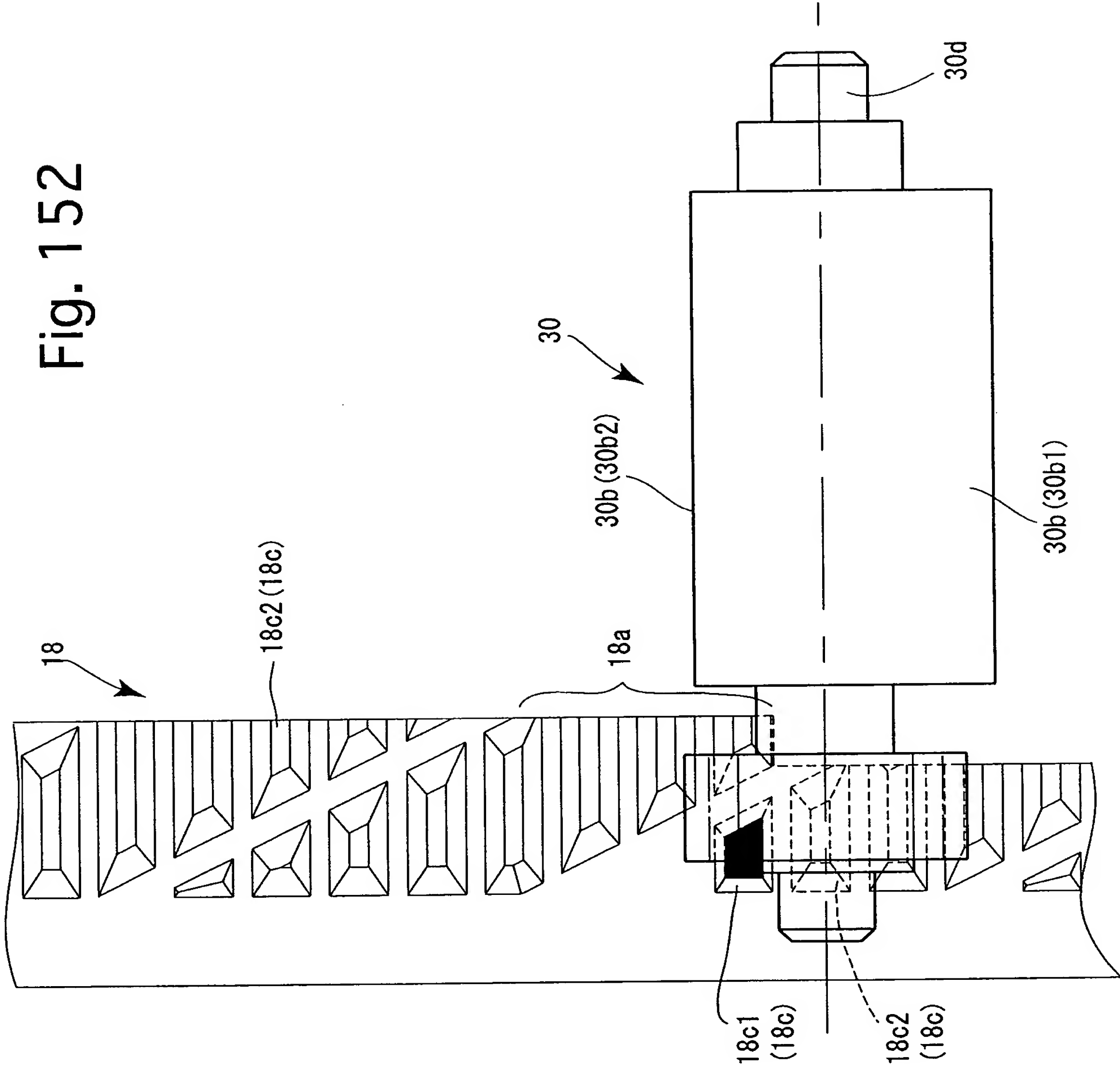


Fig. 153

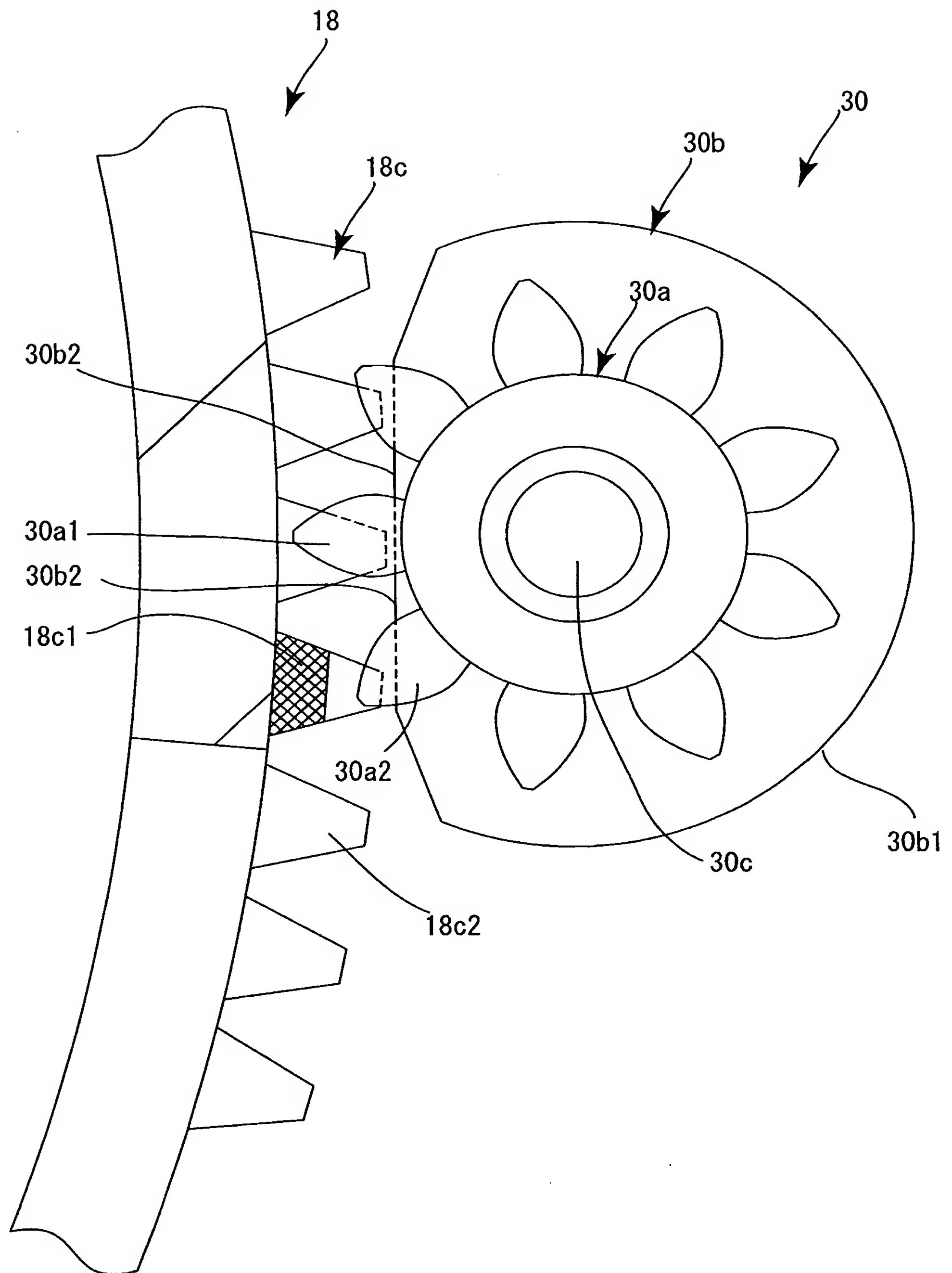


Fig. 154

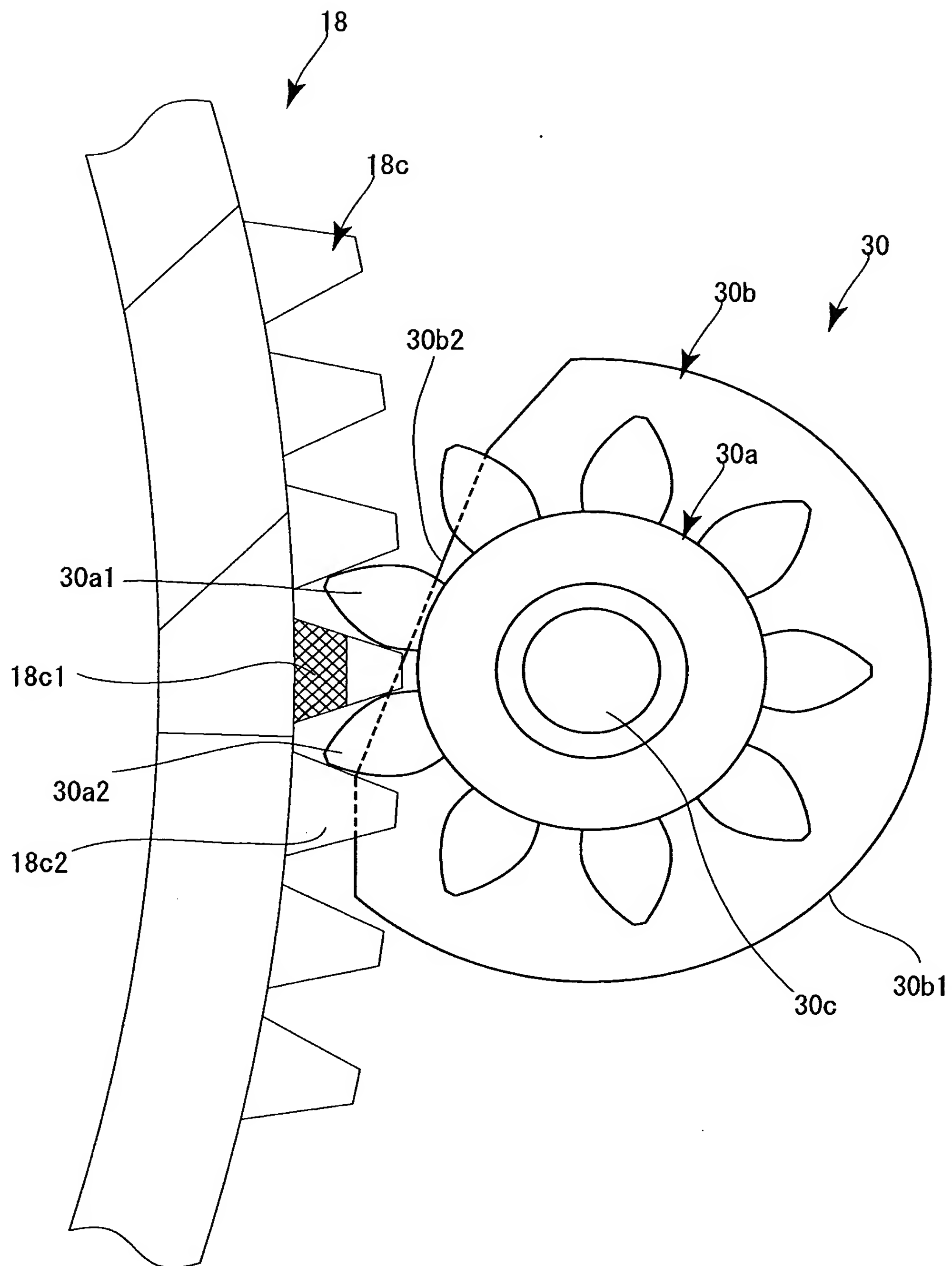


Fig. 155

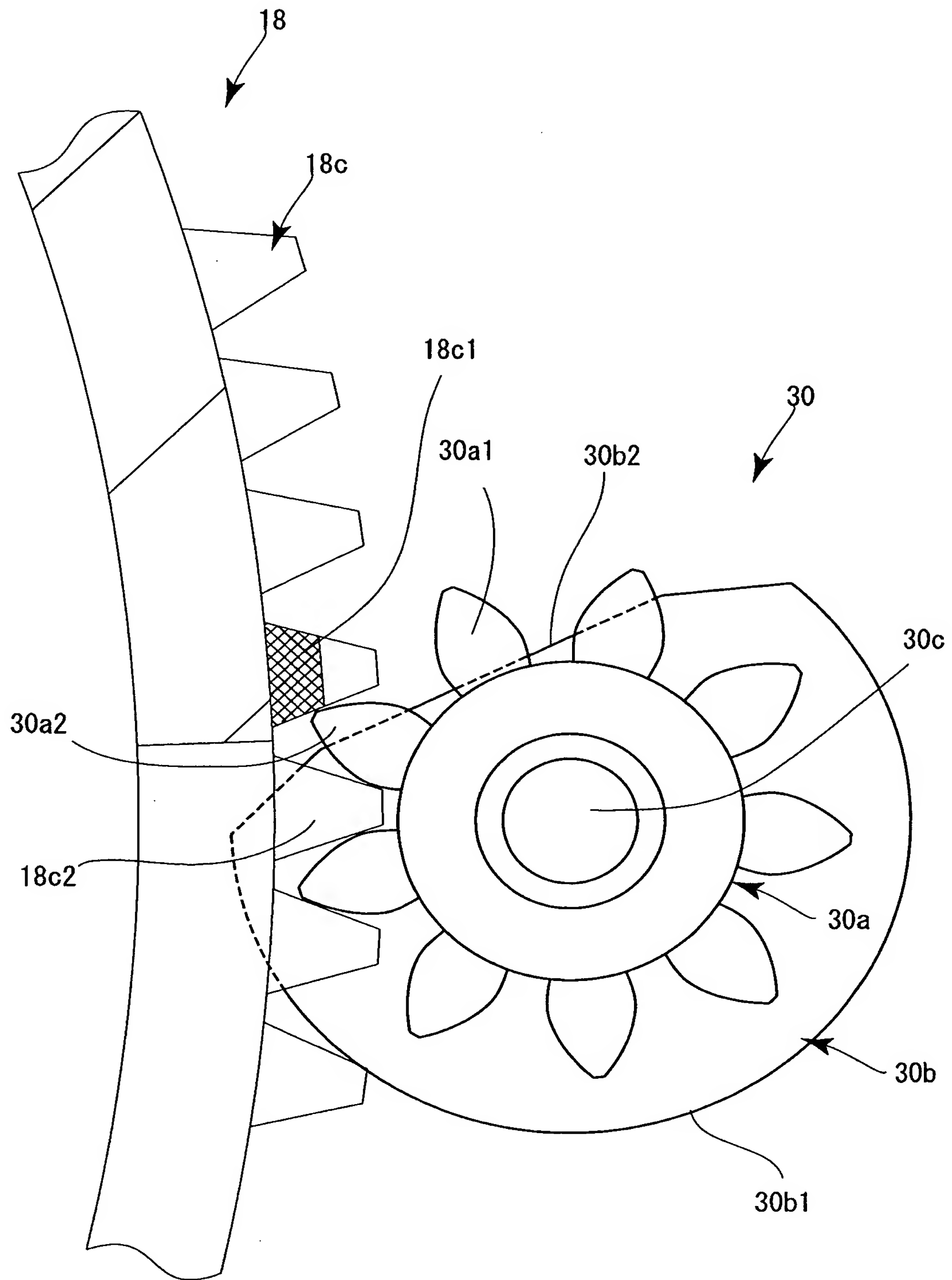


Fig. 156

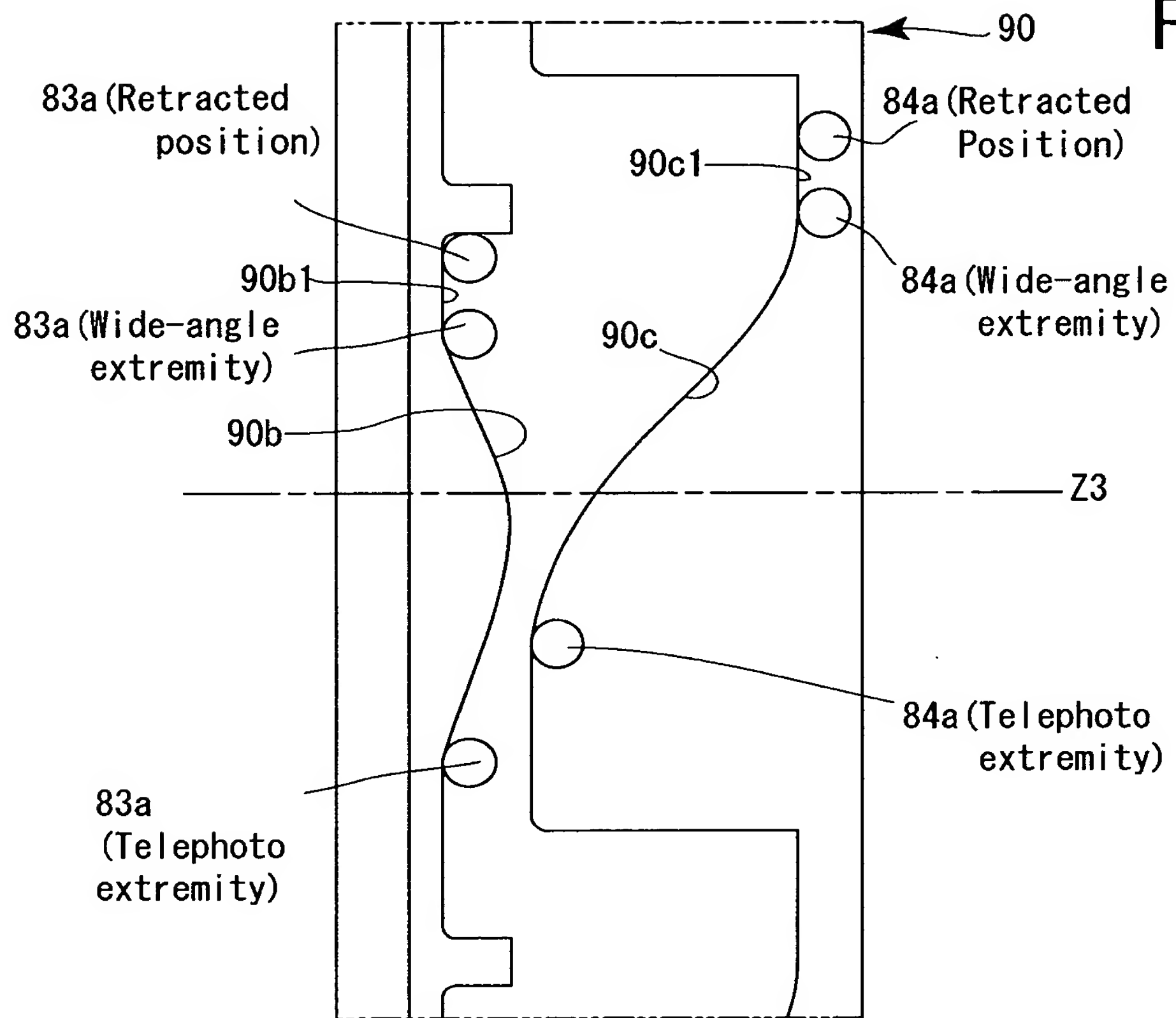


Fig. 157

